

AllSync Manual

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AllSync - Product Description

AllSync is *the* professional solution for your data synchronization, imaging, backup, update, replication and archiving needs under Microsoft Windows (see [operating systems](#)). AllSync supports all [storage media](#) that can be accessed via a drive letter or network path.

Various preconfigured [copy modes](#) are available for your copy tasks. A wide variety of [copy options](#) enable you to adapt the various copy modes to your individual requirements.

All the settings required for a specific copy procedure between two folders are stored in a [profile](#). You can create as many profiles as you like and administer them according to project in the [profile list](#).

AllSync also offers you the option of creating easy-to-interpret [copy previews](#) so that you get an optimal picture of the actions to be performed during a copy operation. All the [actions](#) to files and folders are conveniently displayed side by side in two [report windows](#). The actions of the folders and files can be checked and edited by you so that the copy operation goes as you intended.

[AllSync Scheduler](#) enables you to automatically run copy operations by scheduling them. Various [timing options](#) are available for this purpose, e.g. *daily*, *weekly*, *monthly*, etc. AllSync Scheduler can also be installed as a [Windows service](#), thus enabling copy operations to be automatically run when no user is logged in to the system.

There are a wide variety of filter options available to you in AllSync for excluding [files](#) and [folders](#) from a copy operation by virtue of their path, name or [properties](#).

In the interest of [data protection](#) you can have all the files which are deleted, overwritten or moved by a copy operation first backed up to the Windows Recycle Bin or to a separate backup folder.

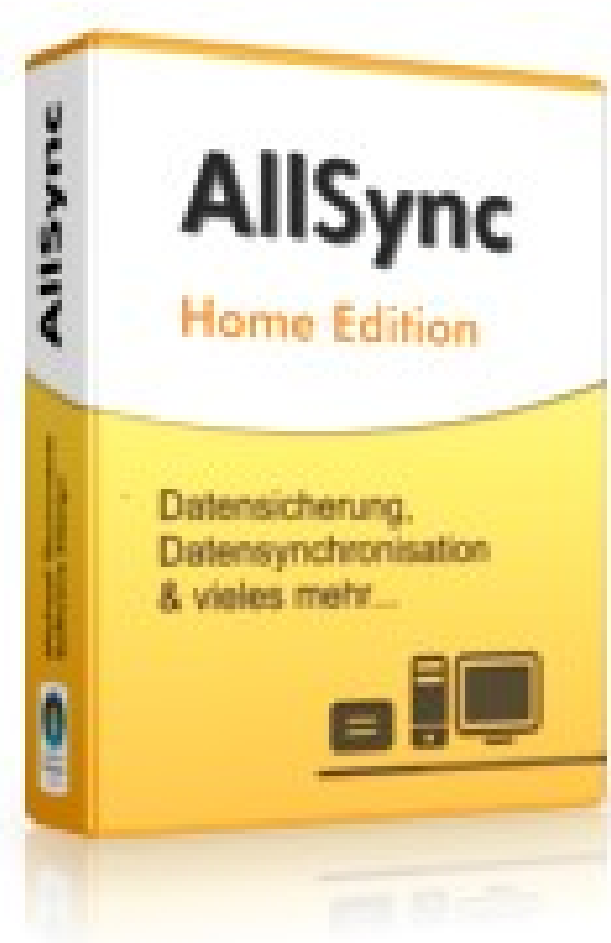
Other features: AllSync supports ZIP compression format, thus enabling space-saving backup of your data. AllSync can be invoked via the [command line](#) using various command-line options. AllSync enables the access permissions of files and folders to be copied. AllSync supports the use of Windows environment variables in path specifications.

- [Features](#)
- [Practical Examples](#)

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AllSync Product Editions

AllSync is available in the following product editions:



AllSync Home Edition

AllSync Professional Edition

AllSync Business Edition

The various product editions differ by virtue of their designated use, supported operating systems and number of [features](#).

Application

DESIGNATED USE	HOME	PROFESSIONAL	BUSINESS
Commercial/business/corporate	-		
Private use at home by an individual			

The Home Edition of AllSync may only be installed on a user's private (non-business) computer at home and used for private (i.e. non-commercial) purposes. You need the Professional or Business Edition if you are using AllSync commercially.

Supported Operating Systems

The following table shows you what operating system a product edition may be used on.

OPERATING SYSTEM	HOME	PROFESSIONAL	BUSINESS
Windows Server versions	-	-	
Windows 10			
Windows 8			
Windows 7			
Windows Vista			
Windows XP			

Exclusive Features of the Professional and Business Editions

The following [features](#) are available in the Professional or Business Edition only:

FEATURES	PROFESSIONAL	BUSINESS
AllSync Scheduler : enables profiles to be started automatically		
Profile Chaining		
Options: storage location of application data		
Profile property: detailed logging of copy operations		
Profile property: Forward log file via email		
Profile property: running of external programs		

FEATURES	PROFESSION AL	BUSINES S
Profile property: running of Visual Basic scripts		
Profile property: assignment of drive letters		
Profile property: verification check of the contents of files copied		
Profile property: ZIP compression plus data security		
Profile property: generations of backups when making data backups		
Profile property: ZIP compression modes Deflate64 and BWT offered for <i>Backup</i> copy mode		
Copying of open files (Windows Volume Shadow Copy Service (VSS))		
Installation of AllSync Scheduler as a Windows service	-	
E-mailing of AllSync Scheduler logs	-	
Profile property: establishing of remote links enabled	-	
Profile property: copying of NTFS access permissions enabled	-	
Profile property: AES 256-bit ZIP encryption offered for <i>Backup</i> copy mode	-	
Profile property: services can be started and stopped	-	

AllSync Features

- [Profiles](#)
- [Copy Modes](#)
- [Synching Folders](#)
- [Time- and Event-Driven Copy Operations](#)
- [Copy Preview](#)
- [Copy Options](#)
- [ZIP Data Compression](#)
- [Data Protection](#)
- [Filter Functions](#)
- [Copying Files and Folders](#)
- [Logs](#)
- [Command Line](#)
- [Miscellaneous](#)

Profiles

- All the [settings](#) required for a copy operation between two or more [folders](#) are stored by AllSync in a [profile](#).
- You can create as many profiles as you like and administer them in the [profile list](#).
- The [Profile Wizard](#) assists you in creating new profiles.
- Use [profile chaining](#) if you want to have several profiles automatically run in sequence.
- AllSync's [Shortcut Manager](#) enables you to conveniently create shortcuts of your profiles on your desktop or in other folders so you can initiate copy operations with mouse-click ease.

Copy Modes

- Various preconfigured [copy modes](#) are available for your copy tasks.
- A wide variety of [copy options](#) enable you to adapt the various copy modes to your individual requirements.

Syncing Folders

- AllSync recognizes when the same file on either side has been modified since the last [sync operation](#).
- AllSync recognizes when a file has been replaced with an older version since the last sync operation.
- AllSync recognizes when a file of the same name but with a different last modified date has been added on both sides since the last sync operation.
- AllSync recognizes when files and folders have been deleted, renamed or moved on one side since the last sync operation.

Time- and Event-Driven Copy Operations

- [AllSync Scheduler](#) enables you to automatically run profiles (time- and event-driven copy operations).
- AllSync Scheduler can also be installed as a [Windows service](#), thus enabling copy operations to be automatically run when no user is logged in to the system.
- You can have the logs [emailed](#) to you so that you are informed about the automatic copy operations performed by AllSync Scheduler.

Copy Preview

- AllSync offers you the option of creating easy-to-interpret [copy previews](#) of your profiles so that you get an optimal picture of the actions to be performed.
- The [actions](#) shown in the copy preview can be edited by you so that the copy operation goes as you intended.

Copy Options

- You can have external [programs](#) started upon initiating and completing a profile.
- You can run [Visual Basic scripts](#) upon initiating and completing a profile.
- When initiating a profile, you can connect a local directory or an enabled network folder using a [drive letter](#) during a copy operation and remove it afterwards.
- When initiating a profile, you can establish a [remote link](#) and have it disconnected when finished.

- You can pause, terminate and start various [Windows services](#) upon initiating and completing a profile.

ZIP Data Compression

- AllSync supports ZIP compression format, thus enabling space-saving [backup](#) of your data.
- Additional protection can be provided for ZIP files by employing AES (256-bit) encryption.
- AllSync supports various compression methods: Deflate, Deflate64 and BWT.
- ZIP files can also be split into several archives as needed.

Data Protection

- In the interest of [data protection](#) you can have all files which are deleted, moved or overwritten by a copy operation moved to a separate backup folder.
- Generations of backups: specify the maximum number of backup folders.
- Data compression: compress all the data of the backup folder into a single ZIP file.
- You also have the option of backing up data to the Windows Recycle Bin.

Filter Functions

- Entire [folders](#) or [individual files](#) can be excluded from a copy operation on the basis of their path.
- Various [wildcards](#) like * or ? can be used.
- Folders and files can be additionally filtered according to their [properties](#), e.g. age, size or attributes.

Copying Files and Folders

- AllSync can process files and folders with a path length of up to 32,000 characters.
- AllSync is able to copy open files. See [Windows Volume Shadow Copy Service \(VSS\)](#).
- AllSync supports the copying of files and folders with [Unicode characters](#) in their name.
- AllSync can copy the [access permissions](#) of files and folders.
- The [attributes](#) of source and destination files can be modified after a file has been copied.
- The contents of files can be checked employing various [comparison methods](#), e.g. byte by byte,

CRC32, MD5 or SHA, to determine whether they have been correctly copied.

- AllSync offers you various internal and external [copy methods](#) for files.

Logs

- AllSync offers you a variety of different log files so that you are always informed about all operations and actions performed.
- A separate [log file](#) is created for each profile.

Command Line

- AllSync can be invoked via the [command line](#) and controlled by way of various command-line parameters.

Miscellaneous

- The wide variety of [options](#) offered by AllSync enables it to be precision-customized to your requirements.
- AllSync supports the use of Windows [environment variables](#).
- AllSync offers you an informative [progress indicator](#) during a copy operation.
- With AllSync's [Internet Update](#) you can be sure you are always running the latest version of AllSync.
- AllSync's application data can be [exported](#) and re-imported as needed.
- AllSync's dialog language and help are available in [English and German](#).
- AllSync features a convenient [Manual](#) in CHM format that can be printed out.

AllSync – Practical Examples

Here are a number of practical examples showing you how you can use AllSync:

General

- [Synchronizing Two Computers](#)
- [Data Imaging \(1:1 copy\) between Two Computers](#)
- [Data Imaging of More Than One Computer in a Network](#)
- [Perform Data Backup and Automatically Shut Windows Down](#)
- [Archiving Old Data](#)
- [Data Backup into a ZIP File](#)

Automatic and Timer-Run Copy Operations

- [Daily Data Imaging](#)
- [Hourly Data Imaging](#)
- [Data Backup from Monday to Friday](#)
- [Sync Operation When Starting Windows](#)
- [Automatic Data Backup When Exiting Windows](#)
- [Data Backup When Connecting an External Hard Disk](#)
- [Data Mirroring When Modifying Work Files](#)
- [Data Synchronization via a Network Link](#)

Synchronizing Two Computers

Problem:

You alternate between your desktop computer and your laptop. Various files and folders are created, modified and deleted on both computers. The changes on one computer are to be transferred to the other computer.

Solution:

AllSync recognizes where changes have occurred and synchronizes the data between your desktop and laptop so that the same data status is present on both computers.

Data Imaging (1:1 copy) between Two Computers

Problem:

A mirror image of the data of one computer is to be made on another computer in the network.

Solution:

AllSync creates an exact copy of the data items on the other computer. In this case, changes are only made as needed on the destination machine, meaning the entire quantity of data is not recopied.

Data Imaging of More Than One Computer in a Network

Problem:

A data image of several computers in the network is to be made on a backup server.

Solution:

AllSync creates an image on the backup server of the data currently present on each machine in the network.

Perform Data Backup and Automatically Shut Windows Down

Problem:

After working at a computer the modified data is to be backed up and Windows automatically shut down.

Solution:

AllSync's [Shortcut Manager](#) enables you to create a shortcut of your backup profile on the Windows desktop. This shortcut enables you to initiate data backup quickly and conveniently, and have Windows automatically shut down.

Archiving Old Data

Problem:

Files of a certain age or older are to be automatically moved to the backup server in the network.

Solution:

AllSync moves all files of a certain age or older to the network backup server.

Data Backup into a ZIP File

Problem:

Backup is to be done into a single ZIP file.

Solution:

AllSync compresses all files into one [ZIP file](#).

Daily Data Imaging

Problem:

Data on a file server is to be replicated every day on a backup server in the background.

Solution:

[AllSync Scheduler](#) runs as a [service](#) on the file server and automatically starts data imaging at a specific time.

Hourly Data Imaging

Problem:

The data on a file server is to be replicated on a backup server every hour.

Solution:

[AllSync Scheduler](#) initiates data imaging between the file server and the backup server every hour.

Data Backup from Monday to Friday

Problem:

A backup is to be made every evening at 10 p.m. from Monday to Friday.

Solution:

[AllSync Scheduler](#) initiates data backup from Monday to Friday at 10 p.m.

Sync Operation When Starting Windows

Problem:

When booting your computer its data status is to be synched with a server.

Solution:

[AllSync Scheduler](#) automatically initiates data synching with the server when starting Windows.

Automatic Data Backup When Exiting Windows

Problem:

The data of a machine is to be automatically backed up onto the backup server when shutting Windows down.

Solution:

[AllSync Scheduler](#) runs in the background and automatically backs up all data onto the backup server when shutting Windows down.

Data Backup When Connecting an External Hard Disk

Problem:

Data backup is to be automatically run when connecting an external hard disk.

Solution:

[AllSync Scheduler](#) runs in the background and automatically initiates data backup as soon as the external hard disk is connected.

Automatic Data Backup When Modifying Work Files

Problem:

Work data is to be backed up automatically upon a certain number of changes being made.

Solution:

AllSync Scheduler runs in the background and monitors the changes being made to your work data. A backup of the modified work data is automatically made upon a specified number of changes being reached.

Data Synchronization via a Network Link

Problem:

Data synchronization is to be initiated as soon as a network link has been established to a particular computer.

Solution:

AllSync Scheduler runs in the background and automatically initiates data synchronization as soon as the network link to the computer has been established.

AllSync Demo Version

Restrictions of the Demo Version

The demo version poses the following restrictions as compared to the full version of AllSync:

- In the demo version you have only 2 test profiles available to you for trying out all of AllSync's features. The full version of AllSync enables you to create as many profiles as you like and to rename and delete them at will.
- You cannot change the [location](#) where AllSync's application data is stored.
- The demo version will only run for 21 days, however this can be extended as needed.

Changing the Product Edition

You can change the [product edition](#) of AllSync in the demo version at any time via the [main menu](#) (Help – About).

AllSync Version History

3.5.146

- NEW: The new version 4 of AllSync is now available! Information on upgrading to version 4 is available in the help file or on the Internet under www.allsync.biz/upgrade4
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.145

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.144

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.142

- NEW: Profile Properties / File Options / Copy Method B: Added the option 'Don't use file system cache'.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.138

- NEW: Added the file option 'Activate NTFS file compression'.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.136

- UPD: The options 'Shut down computer' and 'Restart Windows' had no function when the desktop was locked. Activating the suboption 'Force Action' make sure that both options properly carried

out.

- FIX: Scheduler: No task were started when using the start mode 'When exiting Windows' under Windows 10.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.134

- UPD: Several external components (OCX/DLL) have been updated to improve the display of the user interface and the creation of ZIP files.

3.5.132

- FIX: Profile Property 'Running External Programs': When loading the property an additional quotation mark was added to the start and end at the file path of the program for the Profile Startup/Completion.

3.5.130

- UPD: The Italian translation of the user interface has been updated.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.124

- NEW: Scheduler / Task / Options / Task End: Added the option 'Log task state at the windows event viewer'. (Business Edition)
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.118

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.116

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.114

- NEW: Scheduler / Options / Email: Added the option "Send task log to these addresses when an error occurs".
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.110

- NEW: Profile Properties / Folder Options: Added the option "Check folders when starting a copy operation" at the option "Check source and destinations folder for availability".
- UPD: The Swedish language file was updated.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.108

- UPD: Scheduler Service: Now all loaded or removed tasks will be logged.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.106

- UPD: The component for creating zip files was updated.
- UPD: The component for sending emails was updated.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.105

- NEW: Italian translation of the GUI. (Translator: Vittorio Ierardi)
- UPD: Profile Properties / Copy Mode Backup: Now you can use place holders for date and time at

the option "Create differential backup on the basis of complete backup".

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.102

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.100

- NEW: Profile Properties / Copy Rules: Added the option "Disable windows 64bit file system redirection".
- NEW: Manual: Added the instruction "Securely delete files from a source folder".
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.98

- FIX: Various optimizations have been introduced in various sections of AllSync.

3.5.96

- FIX: Various optimizations have been introduced in various sections of AllSync.

3.5.92

- NEW: The product logo of AllSync was changed.
- NEW: When starting a copy preview or a copy process the network drive letter of the source or destination folder will be automatically initialized.
- NEW: Profile Properties / Options / General: Added the option 'Use file and folder filter while calculate folder statistics'.
- UPD: Profile Wizard: Optimized the Source folder templates for Contacts, Downloads and Links.
- UPD: Options / Layout: Now you can choose between 19 different color themes for the user interface.

- (!!!): Removed support for Windows 2000.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.88

- NEW: Profile Properties / VB-Script: The new placeholders [CopyToSource] and [CopyToDestination] allow you to determine the amount of data in bytes to be copied after a copy preview was created.
- UPD: The maximum RAM usage was extended from 2GB to the maximum possible value of 4GB.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.84

- FIX: Profile Properties: An error could occur while determining the folder paths of outlook pst files.

3.5.80

- NEW: Options / Email: Added the option "SSL-Encryption".
- NEW: Profile Properties / Copy Rules: Added the option "Save all source files at the destination folder without their folder structure".
- UPD: Profile Properties / Folders: Now you can use placeholders for date and time at folder paths. e.g. C:\%yyyy%\%mm%\%dd%
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.64

- NEW: Dutch translation of the GUI. (Translator: Fred van Waard)
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.56

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.54

- NEW: Profile Properties / Folders / Folder Templates: Added all folders of the Windows libraries.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.42

- NEW: Profile Properties / VB-Script: The new placeholder [ErrorCount] enables you to check the error count of the profile.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.30

- NEW: Profile Properties / Copy Mode / Backup / Backup Folder: Added the option "Create new backup folder for each source folder".
- UPD: Scheduler / Task / Startup Mode / Interval: Now you can select various days of the week to run the task.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.12

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.10

- NEW: Profile Properties / File Options / Copy Method C: Added a new option to limit the copy speed. (Business Edition)
- NEW: Report: Now you can search the content of the report.
- NEW: Profile List: Added the column 'Notes'.

- NEW: Profile List / Toolbar: Added the button 'hide/show Notes'.
- UPD: Email: Now you can attach files when sending test emails.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.5.0

- NEW: Profile Properties / Copy Rules: Added the option "Filter files without 'Archive' attribute".
- NEW: Profile Properties / Copy Rules: Added the option "Transfer access permissions at Data Protection / Backup Folder".
- NEW: Profile Properties / Folder Options: Added the option "Don't check folders when creating a copy preview".
- NEW: Profile Properties / Data Protection: Now you specify login data for the backup folder.
- NEW: Profile Properties / VB-Script: Now you can use placeholder [Profil] for the profile name at a script.
- NEW: Profile Properties / VB-Script: Added the script 'ExportRegistry' to export registry keys.
- NEW: Profile Properties / VB-Script: Added the script 'CheckDestinationFolder' to check the destination folder is accessible.
- NEW: Profile Properties / VB-Script: Added the script 'CheckDestinationFolderWithMessageBox' to check the destination folder is accessible and showing a message box if not.
- NEW: Now you can force the actions "Shut down computer, Shut down Windows Restart Windows, Log off user" with the option "Force actions".
- NEW: Command Line: Now you can use the parameter -Xf with the options -X and -XE to force the actions "Shut down computer, Shut down Windows Restart Windows, Log off user".
- NEW: Scheduler / Task / Monitoring: Added the option "Folder Check Interval".
- UPD: Profile Properties / VB-Script: The special error number -99 and the option "Abort profile..." will abort the profile without any error message.
- UPD: Manual: Added the backup instruction "Consecutive Partial (Incremental) Backup with Hard Links"
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.69

- UPD: Scheduler / Options / Email / Subject: Added the placeholder %3 for the text '[OK]', shown in the subject only when no error has occurred.
- UPD: Log Window / Toolbar: Added the button "Clear Log Window".
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.66

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.62

- NEW: Profile Properties / Copy Modes / Sync / File Conflict Dialog: Added the action "Copy the newest file".
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.56

- NEW: Scheduler / Task / Options: Added the option "Change the window state of the scheduler".
- NEW: Profile Properties / Copy Rules: Added the option "Don't show an error message if the file owner could not be determined".
- UPD: Profile Chaining: Now you can deactivate a single profile at the chain without deactivating the following profiles.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.50

- NEW: Report Window / Context Menu: Added "Open file location".
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.45

- NEW: Profile Properties / Copy Rules: Added the option "Transfer owner of files and folders".
- NEW: AllSync Options / Security: Added the option "Disable the option 'Show password in clear text' everywhere in the program".
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.35

- UPD: Scheduler / Options / Startup Mode 'When exiting Windows': Added new rules for the actions "Log off user", "Restart / shut down Windows" and "Standby / Hibernation".
- UPD: Scheduler / Options / Startup Mode 'When exiting Windows': Removed the option "Abort exiting Windows, start tasks and perform this action".
- UPD: Scheduler / Options / Startup Mode 'When exiting Windows': Activating the option "Increase response time until the Windows shutdown dialog is displayed" will be permanent now.
- UPD: Scheduler / Task / Startup Mode 'When exiting Windows': The option "Standby / Hibernation" will be deactivated when using Windows Vista or higher. Windows Vista or higher don't support canceling this actions.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.22

- NEW: Scheduler / Task / Options: Added the option "Wait this number of seconds before starting the profiles".
- NEW: Scheduler / Task / Options: Added the option "User must confirm task start".
- NEW: Scheduler / Task / Options: Added the option "Show info message after the task has completed".
- NEW: Profile Properties / File Conflict: Added the option "Compare the file size of the source and destination files when no file conflict has been detected".
- NEW: Profile Properties / Connect Drives: Added the option "Wait this number of seconds after the drives has been connected".
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.14

- NEW: Scheduler / Task / Startup Mode / Link: Added a new button to convert the drive letter to %driveletter:drivename% and vice versa.
- NEW: Scheduler / Task / Options: Added a new button at the option "Do not start task unless this folder is accessible" to convert the drive letter to %driveletter:drivename% and vice versa.
- UPD: Profile Properties / File Options / "Delete destination file when the source file can't be copied without any errors": Now the destination file also will be deleted if the verification check fails.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.8

- NEW: Profile Properties / Copy Rules: Now you can specify the compression level, the compression method and the encryption method at the option "Store source file as compressed ZIP file at destination"
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.4.0

- NEW: Profile Properties / File Options: 'Use Windows Volume Shadow Copy Service (VSS) to copy open files' option added. (Professional and Business Editions)
- NEW: Report / context menu: 'Windows Explorer Context Menu' added.
- NEW: Profile List / toolbar: 'Create New Profile Using Wizard' added.
- NEW: Profile List: The various profile properties can now be opened directly via the context menu of a profile.
- NEW: Profile Properties / Backup Options / Compress files: The LZMA compression method has been added.
- NEW: Profile Properties / Backup Options / Compress files: Added the option "Backup files from all source folders into one single zip file".
- NEW: Profile Properties / Folders / Toolbar: Various folder templates can now be additionally added via the 'Select and Add Folder' button.
- NEW: Scheduler / Options / General: The new option "Timer Interval" enables you to change the interval how often the scheduler check if a task have to be started.

- NEW: Log pane / toolbar: 'Error Log' button added.
- NEW: Profile Wizard: An overview has been added for the source folders, destination folders, folder filters and file filters selected.
- UPD: Profile Wizard: More than one folder template can now be selected.
- UPD: Profile Wizard: Source folder templates have been added for "Windows Mail", "Windows Calendar", "Windows Fax", "Windows Contacts", "Microsoft Outlook", "Microsoft Address Book", "Outlook Express", "Program Files (x86)", "Start Menu (All Users)", "Favorites (All Users)", "Program Files (All Users)", "Program Files (x86 All Users)" and "Internet Explorer Downloads".
- UPD: Copy Mode / Backup: Folders can now be excluded by the folder filter when compressing files into a ZIP file.
- UPD: AllSync Scheduler: Tasks with the 'When starting Windows' startup mode can now be started via AllSync Scheduler Service.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.3.0

- NEW: Profile Properties / Copy Mode / Backup Options / Generations: Limiting the number of backup generations can now be specified in days.
- NEW: Profile Properties / Options / Data Protection / Backup folder / Generations: Limiting the number of backup generations can now be specified in days.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.2.5

- NEW: AllSync Service Tool: The AllSync Scheduler Service can now also be installed via the command line using the following command: -InstallService.
- NEW: Report Window / toolbar: The new 'Full Pane' option enables the profile list and log pane to be hidden.
- UPD: Profile List: The first source and destination folder activated is now shown in the ToolTip text of a profile.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.2.0

- NEW: Profile Properties / Copy Mode / Backup Options / Compress files / Options: The 'Save file permissions' option has been added.
- NEW: Profile Properties / Options / Log: The 'Forward log via email' option has been added.
- NEW: AllSync Scheduler: A separate log file is now kept for each task.
- NEW: AllSync Scheduler / Task List: The status of a task is now shown via an icon before the task name.
- NEW: AllSync Scheduler / Task List / context menu: 'Log' item added.
- NEW: AllSync Scheduler / Task / Options: An option has been added for shortening the task log file ('Automatically remove entries from log file when they are more than x day(s) old' option).
- NEW: Shortcut Manager: Shortcuts can now be created using a profile folder ('Start AllSync with one or more profile folders' option).
- UPD: Profile Properties / Filters / Filter History: Double-clicking on a text in the filter history now causes it to be directly added to the filter list.
- UPD: Command Line: More than 10 profiles can now be specified.
- UPD: Options / General / Location of Application Data: When selecting a new folder, the application data can now be optionally copied to the new folder.
- UPD: AllSync Internet Update / Options / 'Check for new version when starting program': When automatically checking for updates, the update dialog is now automatically closed when no new update is found, and this information shown in the log.
- UPD: Profile Properties / External / Connect Drives: Windows environment variables can now be used when specifying a user name.
- UPD: Profile Properties / Folders: Windows environment variables can now be used when specifying a user name.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.1.1

- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.1

Profile Properties / Copy Modes / Sync / File Conflict

- NEW: The 'File Date/Time Conflict' has been renamed 'File Conflict'.
- NEW: The option 'Compare the contents of the source and destination files when no file conflict has been detected' has been added.
- NEW: A file conflict is now triggered if there is a difference in the size of the source and destination files.
- NEW: The option 'Rename source and destination file and create copy in the folder on the other side' has been added.
- NEW: The option 'Rename source and destination file' has been added.
- NEW: File Copy: The placeholders %1 (file name without extension) and %2 (file extension) can now be used in file names.
- NEW: File Copy: System variables can now be used in the name of a file copy.
- NEW: File Conflict Dialog: The user interface has been completely revamped.
- NEW: File Conflict Dialog: Buttons have been added for opening the source and destination folders.
- NEW: File Conflict Dialog: Buttons have been added for comparing the source and destination files.
- NEW: File Conflict Dialog: A button for canceling timeouts has been added.
- NEW: File Conflict Dialog: The option 'If there are other conflicts, don't ask any more and always perform last action' has been added.
- NEW: You can now specify whether the File Conflict dialog is to be popped up when running a copy operation from the command line.
- NEW: Timeout: The option 'No longer show File Conflict dialog after X timeouts' has been added.
- (!!!): File Copy: Copies are now no longer automatically excluded from a copy operation.

Profile Properties / Copy Modes / File Options

- NEW: Copy Method: Speed Tool for testing which copy method is the fastest.
- NEW: The option 'Method for Content Comparison' has been added.
- NEW: Copy and compare options have been added.
- NEW: Content Comparison: The option 'Automatically determine the most optimal method' has been added.

- NEW: The option 'Delete destination file when the source file can't be copied without any errors' has been added.
- UPD: Verification Check: The option 'Method for Comparing Contents' has been removed.
- UPD: Copy Method: The options 'data packet' and 'pause' under Copy Method C have been removed.

Miscellaneous

- NEW: Options / Layout: There is now a selection of 8 different themes for the color rendering of the user interface.
- NEW: Report: A menu bar has been added.
- NEW: Report: The new info table below the report provides a convenient, easy-to-ready overview of the differences between the source and destination files.
- NEW: Report / Context menu: The path or path+filename can now be copied to the Windows Clipboard.
- NEW: Profile Properties / External / Programs: The 'Window focus' option has been added so you can specify the focus for the program that is launched.
- NEW: Profile List / Context menu: The 'Create Screenshots' option now causes screenshots to automatically be made of all the profile properties in PNG, JPG or BMP format.
- NEW: The info balloon 'The program is stored here' can now be deactivated via the context menu of the AllSync icon in the info area of the Windows taskbar.
- UPD: Profile Properties / Copy Modes / Copy Rules: The option 'Method for Comparing Contents' has been removed.
- UPD: Profile Properties / Options / General: The folder statistics now indicate the file system, data medium name and the data medium type in the log.
- FIX: Various optimizations and new enhancements have been introduced in various sections of AllSync. Various bugs have been fixed.

3.0.56

- FIX: Various optimizations and bug fixes have been introduced.

3.0.55

- NEW: Profile Properties / File Options / Copy Method: Added the option "Automatic selection of the

fastest copy method".

- NEW: Scheduler / Task / Startup Mode / Monthly: Now you can select calendar days AND weekdays.
- NEW: Scheduler / Task / Startup Mode / Monthly: Now you can select more than one weekday.
- NEW: Report / Toolbar: Added the option "Only Open Folders Containing Actions (Without Filter)".
- NEW: Options / Copy Preview: Added the option "Only Open Folders Containing Actions (Without Filter)".
- NEW: Main Window / Toolbar: Added the button "Process Copy Preview".
- NEW: Main Menu: Added the button "Process Copy Preview".
- NEW: Profile List / Toolbar: Added the button "Process Copy Preview".
- NEW: Added a help button at many program options to open quickly the appropriate help section.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.53

- NEW: Scheduler / Task / Options: Added the option "Start the task immediately when the last run is older than x day(s)".
- UPD: Scheduler / Task List: Now every row with an activated task will be highlighted.
- UPD: Report / Copy Preview: Now the balloon tip of any file or folder show more detailed information of the properties.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.51

- NEW: Profile Properties / Options / General: Added option "Log an error if the folder statistics are not identical".
- UPD: Profile Properties / Options / General: Renamed the option "Calculate size of source and destination folders after copy operation" to "Calculate the folder statistic of the source and destination folders after copy operation".
- FIX: Various optimizations and bug fixes have been introduced.

3.0.49

- NEW: Profile Properties / Copy Rules / Rules for copy files and folders: Added new sub option

"Delete all source folders that are empty before the source files are moved" at the option "Move source files to destination folder".

- UPD: Profile Properties / Copy Rules / Rules for copy files and folders: Renamed the option "Delete empty source folders" into "Delete all empty source folders after the source files are moved".
- UPD: Profile Properties / Filter: Now the filter texts for system files and folders from the profile wizard options ("?:\Recycled"...) will be automatically added (but not activated) to the filter lists when creating a new profile.
- UPD: Profile Wizard / Options: Added the filter folder "?:\\$RECYCLE.BIN".
- UPD: Profile Properties / Options / Data Protection / Backup Folder: Now all files and folders of the backup progress will be shown at the progress indicator "Last Action".
- UPD: Profile Properties / External / VB-Script: The script "Outlook.vbs" was updated.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.47

- NEW: Options / Copy Preview: Added the option "Remove All Profiles Without Report Entries Below The Source And Destination Folder".
- NEW: Report / Toolbar: Added the sub item "Remove All Profiles Without Report Entries Below The Source And Destination Folder" at "Removes items from the report".
- NEW: Menu Bar / Log: Added the item "Open Log Folder".
- UPD: Scheduler / Task: Now you can use the variable %driveletter:drivename% at the Data Source.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.45

- NEW: Profile Properties / Folders: Added a new button at the 'Process Folder' window to convert the drive letter to %driveletter:drivename% and vice versa.
- UPD: Scheduler / Toolbar: Added new keyboard shortcuts for some buttons. (See toolbar description at the manual)
- FIX: Various optimizations and bug fixes have been introduced.

3.0.43

- NEW: Profile List / Toolbar: Added the command "Reload profile list".
- NEW: Scheduler / Task / Monitoring: Added the option "Pause monitoring during copy operation".
- FIX: Various optimizations and bug fixes have been introduced.

3.0.41

- NEW: Log Pane / Toolbar: Added the command "Maximize Log Pane".
- FIX: Various optimizations and bug fixes have been introduced.

3.0.40

- NEW: Scheduler / Task / Startup Mode / Weekly: Now you can select several calendar weeks when the task should be started.
- NEW: Report Window: All available properties of a file or folder will be automatically shown with a balloon tip when moving the mouse over an item in the report window.
- NEW: Report Window / Toolbar: Added the command "Enable/Disable Balloon Tips".
- NEW: Profile List: The copy mode and the last run will be automatically shown with a balloon tip when moving the mouse over an profile.
- NEW: Profile List / Toolbar: Added the command "Enable/Disable Balloon Tips".
- UPD: Scheduler / Task / Options / Upon completing processing of task: Now the scheduler don't get deactivated after starting the action Standby, Hibernate and Lock Desktop.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.39

- NEW: Profile Properties / External / Services: Now you can change the services of other computers at the network.
- NEW: Protocol: The profile statistic show now the number of the created hard-links.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.37

- NEW: AllSync / Options / Profiles: Added new options "Set application priority to 'low' when running a profile" and "Reduce the number of hard disk accesses per second".

- NEW: Scheduler / Options / General: Added new option "Reduce the number of hard disk accesses per second".
- NEW: Scheduler / Progress Indicator: Added new options "Set application priority to 'low' when running a profile" and "Reduce the number of hard disk accesses per second".
- NEW: Command-Line / Progress Indicator: Added new options "Set application priority to 'low' when running a profile" and "Reduce the number of hard disk accesses per second".
- NEW: Profile List / Context Menu: Added the command "Open Folder".
- NEW: Command-Line: Now you can specify a profile folder to start all profiles inside automatically.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.35

- UPD: Profile Properties / Backup Options / Compress Files: The maximum split size of 4 GB has been removed.
- UPD: Protocol: The profile statistic show now the File Date conflicts and the Structure conflicts.
- UPD: Profile Properties / Folder Options: The option "Check source and destinations folder for availability" also will be used when performing a copy preview.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.34

- UPD: The toolbar component has been updated.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.32

- NEW: Scheduler / Options / Email: Added new option "Send an email to the following addresses if a task couldn't be started"
- UPD: The profile wizard has been revamped.
- UPD: Profile Properties / External / Programs: Now you can specify necessary command-line parameters. The path of the program has to be enclosed by double quotes.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.30

- NEW: Scheduler / Task / Options: Added new options "Exit Scheduler" and "Lock Desktop".
- NEW: Scheduler / Options / Startup Mode: Added new option "Lock Desktop".
- NEW: AllSync / Progress Indicator: Added new option "Lock Desktop".
- NEW: Command-Line: Added the new option "Lock Desktop" at the parameters -X and -XE.
- NEW: Report / Toolbar / File Size: Added new option "Automatic". With it the file size will be automatically shown with a suitable unit size.
- NEW: Options / Report Window / File Size: Added new option "Automatic".
- UPD: Profile Properties / File Options / Verification Check: The comparison method "Byte for Byte" has been optimized to compare faster.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.29

- UPD: AllSync / Application Data Backup / Export: The name of the zip file can be formulated as desired.
- UPD: Profile Properties: The option "Transfer access permissions for files" have been moved from the "File Options" to the "Copy Rules".
- FIX: Various optimizations and bug fixes have been introduced.

3.0.28

- NEW: Scheduler / Task / Options: "Don't ask which file is to be copied when a File Date/Time Conflict occur" option added.
- NEW: Profile Properties / File Date/Time Conflict: Timeout option added.
- FIX: Various optimizations and bug fixes have been introduced.

3.0.0 - 3.0.27

General Changes:

- NEW: AllSync now supports file and folder paths with an overall length of up to 32,000 characters and file and folder names containing Unicode characters. See Help/Reference/Unicode.
- UPD: The user interface of all modules has been completely revamped.
- UPD: Various optimizations and new enhancements have been introduced in various sections of AllSync.

Key Changes:

- (!!!): Windows 95/98/ME/NT are no longer supported.
- (!!!): Profile Properties \ Synchronization Conflicts: The saved reference list of version 2 can no longer be read as AllSync's internal storage format has been completely revamped.
- (!!!): Profile Properties \ Data Protection \ Backup Folder: Backup generations no longer needed are now determined on the basis of the created date of the folder or ZIP file in the specified backup folder.
- (!!!): Command-Line Options: The options -x and -xe have been removed.

Changes to the Profile Properties:

- NEW: Copy Mode \ Sync: The File Date/Time Conflict option is now able to detect that two files of the same name but with different modified dates at the source and destination have been added since the last sync operation.
- NEW: Copy Mode \ Sync: The File Date/Time Conflict option is now able to detect when old files have been restored.
- UPD: Copy Mode \ Sync \ File Date/Time Conflict: The 'Ask which file is to be copied during a copy operation' option is now applied by AllSync Scheduler.
- NEW: Copy Mode \ Backup: The copy options 'Differential backup' and 'Create hard links' have been added.
- NEW: Copy Mode \ Backup: AES encryption for ZIP files. (Business Edition)
- NEW: Copy Mode \ Backup: Compression formats Deflate64 and BWT. (Professional and Business Editions)
- NEW: Copy Mode \ Backup: 'Delete existing ZIP file' option added.v
- NEW: Copy Mode \ Backup: 'Use the following folder for creating the temporary ZIP file' option added.
- NEW: Copy Mode \ Backup: 'Copy log file to backup folder' option added.
- NEW: Copy Mode \ Copy Rules: 'Do not search folders (NTFS junction points) pointing to the contents of another folder' option added.
- NEW: Copy Mode \ File Options \ Verification Check: Optional verification algorithms CRC32, MD5 and SHA added.
- NEW: Copy Mode \ File Options \ Verification Check: 'Don't perform comparison for file sizes over xx MB' option added.

- NEW: Copy Mode \ File Options \ Copy Attempts: The option 'Resume interrupted copy operation of a file' enables a copy operation of a file to be resumed at the point it was interrupted when another copy attempt is made.
- NEW: Copy Mode \ File Options: 'Transfer attributes of source files to existing destination files' option added.
- NEW: Copy Mode \ File Options: 'Transfer upper- and lowercasing of the source files to existing destination files' option added.
- NEW: Copy Mode \ Folder Options: 'Transfer attributes of source folders to existing destination folders' option added.
- NEW: Copy Mode \ Folder Options: 'Transfer modified upper- and lowercasing of source folders to existing destination folders' option added.
- NEW: Folders: Requisite access data can now be defined for each source and destination folder.
- NEW: External: The processing sequence of external options can now be specified.
- NEW: External \ Services: This option enables various services to be started, paused and completed before and after a copy operation. (Business Edition)
- NEW: External \ Drives: The [AUTO] option causes an unused drive letter to be automatically determined for the link.
- NEW: External \ Drives: 'Abort profile if a drive can't be connected to' option added.
- NEW: External \ Programs: 'Do not run program upon profile completion if errors occurred during copy operation' option added.
- NEW: External \ Programs: 'Exit Program' option added.
- UPD: External \ Programs: The return value (error level) of a started program is now evaluated via the option 'Abort profile if the program can't be launched for starting the profile'.
- NEW: VB Scripts: The activated source and destination folder can now be used by inserting placeholders in the script.
- NEW: Data Protection \ Backup Folder: There is now the option of specifying that a subfolder be created in the backup folder.
- NEW: Data Protection \ Backup Folder \ Generations: Files are now created in the backup folder with a sequentially numbered file extension ('.0001', '.0002'...) when the options for creating subfolders and a ZIP file are deactivated.
- NEW: Data Protection \ Backup Folder: The name of the backup folder or ZIP file can now be individually specified as needed.
- NEW: Data Protection \ Options: You can now specify what data is to be backed up to the Windows Recycle Bin or a backup folder.

- NEW: Filters \ Properties: The following options are now included for attribute filters: 'Symbolic link', 'Temporary', 'Compressed', 'Offline', 'Encrypted', 'Sparse' and 'Index'.
- NEW: Filters \ Properties: The file and folder date to be checked can now be specified for the filter options 'Age' and 'Period'.
- NEW: Options \ General 'Safely remove hardware after copy operation' option added.

Changes to the Report Window:

- NEW: The file and folder properties are now displayed in separate columns.
- NEW: Report filter toolbar added.
- NEW: The results of the report filter are now displayed directly in both report windows.
- NEW: The contents of the two report windows can now be printed out separately.
- NEW: The report window can now be tiled horizontally or vertically.
- NEW: Toolbar: 'Remove Files + Folders Without Any Actions Or Non-present' option added.
- UPD: Copy Preview: The quick keys for modifying the actions of files and folders have been changed to keys 1 to 9.

Changes to the Command Line:

- NEW: Command-Line Options: The -Q command enables you to pass two folders to QuickSync and have a copy preview automatically generated.
- NEW: Command-Line Options: The -rh option now enables you to safely remove hardware at the end of a copy operation.
- UPD: The command-line options -X and -XE enable you to specify which action is to be performed when a copy operation has completed.

Changes to AllSync Scheduler:

- NEW: Task \ Schedule: The new Monitoring startup mode enables a task to be automatically started as soon as a certain number of changes have taken place in a specified folder.
- NEW: Task \ Schedule: The new Link startup mode enables a task to always be started when a link to a new data source is detected.
- NEW: Task \ Schedule: The 'When exiting Windows' startup mode now provides for the following options: 'Log off user', 'Restart/shut down Windows', and 'Standby/hibernate'.
- NEW: Task \ Schedule \ Monthly: 'On last day' option added.

- UPD: Task \ Profiles: The starting sequence of profiles can now be specified.
- NEW: Task \ Email: 'Include the following files as attachments:' option added.
- NEW: Options \ Startup Mode: 'Increase waiting time until displaying the Windows shutdown dialog' option added.

AllSync Licensing Model

Purchasing licenses for AllSync entitles you to install and use the software as provided for in the [License Agreement](#).

Number of Licenses

At least one license is required for each user of AllSync, enabling him or her to transfer data between two devices with different IP addresses. 'Device' refers to a computer or NAS drive in a network, for example. The number of licenses has to be increased by 1 for each additional device with an individual IP address in the network with which data transfer takes place.

Examples:

- Data transfer between 2 devices in a network with different IP addresses = 1 license
- Data transfer between 3 devices in a network with different IP addresses = 2 licenses
- Data transfer between 4 devices in a network with different IP addresses = 3 licenses
- etc.

No additional licenses are required for data transfer between local and external storage media without a separate IP address of their own (e.g. hard drives, CD/DVD drives, USB devices, etc.).

The number of licenses used since starting AllSync is shown in the AllSync log pane after every copy operation. The internal license count (number of requisite licenses) is reset every time AllSync is started.

Private vs. Commercial Use

The [Home](#) Edition of AllSync may only be installed on a user's private (non-business) computer and used for private (i.e. non-commercial) purposes. If you are using AllSync commercially you need the [Professional](#) or [Business](#) Edition.

License Data

For private persons (non-commercial use), the name of licensee is designated by the user's first and last name. Example: John Brown

For companies, corporate groups or organizations, the licensee is designated by "Name of Company -

Location", "Name of Company - Location - User's Name" or "Name of Company - Location - Computer Name". Examples:

- Acme, Inc. - New York
- Acme, Inc. - Los Angeles - John Brown
- "Acme GmbH - Berlin - Server001"

Examples of Licenses

Terms & Concepts

- Installations:
The number of computers on which AllSync is installed and used.
- Users:
The number of users using AllSync.
- Data transfer [#installation no.]:
The maximum number of devices featuring an individual IP address of their own between which data can be transferred using this installation.
- No. of licenses:
The number of licenses needed for using the software in this manner.

Examples of 1 User and 1 Installation

Data transfer between 2 computers

Number of licenses required: 1

Data transfer between 3 computers

Number of licenses required: 2

Data transfer between 10 computers

Number of licenses required: 9

Examples of 1 User and More than 1 Installation

Installations: 3

Data transfer between 2 computers using the 1st installation

Data transfer between 2 computers using the 2nd installation

Data transfer between 2 computers using the 3rd installation

Number of licenses required: 1

Installations: 3

Data transfer between 3 computers using the 1st installation

Data transfer between 2 computers using the 2nd installation

Data transfer between 2 computers using the 3rd installation

Number of licenses required: 2

Installations: 2

Data transfer between 5 computers using the 1st installation

Data transfer between 10 computers using the 2nd installation

Number of licenses required: 9

Examples of 2 Users and 1 Installation

Data transfer between 2 computers using the 1st installation

Data transfer between 2 computers using the 2nd installation

Number of licenses required: 2 (1 + 1)

Data transfer between 2 computers using the 1st installation

Data transfer between 4 computers using the 2nd installation

Number of licenses required: 4 (1 + 3)

Data transfer between 4 computers using the 1st installation

Data transfer between 5 computers using the 2nd installation

Number of licenses required: 7 (3 + 4)

Examples of 2 Users and 2 Installations

Data transfer between 2 computers using the 1st installation

Data transfer between 2 computers using the 2nd installation

Number of licenses required: 2 (1 + 1)

Data transfer between 2 computers using the 1st installation

Data transfer between 4 computers using the 2nd installation

Number of licenses required: 4 (1 + 3)

Data transfer between 4 computers using the 1st installation

Data transfer between 5 computers using the 2nd installation

Number of licenses required: 7 (3 + 4)

Examples of 3 Users and 3 Installations

Data transfer between 2 computers using the 1st installation

Data transfer between 2 computers using the 2nd installation

Data transfer between 2 computers using the 3rd installation

*Number of licenses required: 3 (3 * 1)*

Data transfer between 2 computers using the 1st installation

Data transfer between 4 computers using the 2nd installation

Data transfer between 6 computers using the 3rd installation

Number of licenses required: 8 (1 + 3 + 5)

Data transfer between 4 computers using the 1st installation

Data transfer between 5 computers using the 2nd installation

Data transfer between 10 computers using the 3rd installation

Number of licenses required: 16 (3 + 4 + 9)

AllSync License Agreement

This License Agreement is a binding contract between you (whether a natural or legal entity) and MTSD (also referred to hereinafter as MTSD) for the software product designated above. By installing the software product you declare that you are letting yourself be bound by all the provisions of this License Agreement. If you do not agree with the conditions of the license agreement, you are not entitled to install or use the software product. Should this be the case, you can return the software product along with a copy of the invoice or receipt to the distributor from whom the product was purchased in exchange for a full refund. This software product is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.

1. Subject Matter of the Agreement

The subject of this Agreement is the computer program and the manual, referred to hereinafter as the "Software". MTSD would like to point out that the present state of the art does not enable software to be created that can be run without any errors in all applications and combinations thereof. The subject of this Agreement is consequently only one software product that is fit for the purposes detailed in the description and the user manual.

2. Grant of License

For the duration of this Agreement, MTSD grants you the simple, non-exclusive and personal right (henceforth referred to as "license") to use a copy of the Software on a single computer. As a licensee, you may physically transfer the Software (i.e. saved on a data medium), on condition that it not be used on more than one computer at a time. Further use, especially repeated installation, use, and subsequent uninstallation on various computers (floating license) is prohibited.

2.1. Number of Licenses

At least one license is required for each user of AllSync. A license enables data transfer over a network between a maximum of two devices with a separate IP address (e.g. computer or NAS drive). The number of licenses has to be increased by 1 for each additional device with an individual IP address in the network with which data transfer takes place:

2.2. Installation and Use

2.2.1. Use of the Software by One Individual under This Agreement

The Licensee may install and use the Software on more than one computer provided that the Software is started on only one computer at any one time.

2.2.2. Use of the Software by More Than One Person under This Agreement

The Software may be installed and used by more than one person on different computers in accordance

with the number of licenses specified in Section 2.1.

2.3. AllSync Home Edition

The Home Edition of AllSync may only be used for private (i.e. non-commercial) purposes. You need the Professional or Business Edition if you are using AllSync commercially.

2.4. AllSync Demo Version

You are entitled to test the demo version of the Software free of charge and without obligation for a period of 21 days. If you wish to continue using the Software after this 21-day period, you must purchase the relevant license.

3. Description of Further Rights and Restrictions

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MTSD

<https://www.AllSync.biz>

AllSync Requirements

Operating System

AllSync is compatible with the 32-bit and 64-bit version of the following Windows operating systems:

Workstation:

- Microsoft Windows 10 (all versions)
- Microsoft Windows 8 (all versions)
- Microsoft Windows 7 (all versions)
- Microsoft Windows Vista (all versions)
- Microsoft Windows XP (all versions)

Server:

- Microsoft Windows Server 2019 (all versions)
- Microsoft Windows Server 2016 (all versions)
- Microsoft Windows Server 2012 (all versions)
- Microsoft Windows Server 2011 (all versions)
- Microsoft Windows Server 2008 (all versions)
- Microsoft Windows Server 2007 (all versions)
- Microsoft Windows Server 2003 (all versions)

User Rights

To [install AllSync](#), you must have administrator rights.

Software

- Optionally: Packet writing software for CD/DVD/HD/BD burners (e.g. [InCD](#))
- Optionally: FTP software (e.g. [NetDrive](#))

Storage Media

AllSync supports all local and external storage media that can be accessed via a drive letter or network path. Examples:

- IDE hard drives
- SATA hard drives
- SCSI hard drives
- RAID hard drives
- USB hard drives
- FireWire hard drives
- Network hard drives (NAS)
- USB sticks
- BD DVD-R, BD DVD-RW*
- HD DVD-R, HD DVD-RW*
- DVD-R, DVD-RW*
- DVD+R, DVD+RW*
- DVD RAM*
- CD-R, CD-RW*
- CD+R, CD+RW*
- ZIP drives
- Jaz drives
- Floppies
- MO drives
- FTP*

* See optional software in the *Software* section above.

File System

AllSync supports all Windows file systems and the file systems of other operating systems providing they comply with Windows [naming conventions](#) for files and folders.

Network

If you want to use AllSync to transfer data between computers they have to be connected via a network

link.

Setup and Update File

Setup File

The AllSync setup file contains all of the files required to install AllSync for use under Windows. Setup automatically updates an existing installation and makes all the program settings in keeping with the respective version.

Update File

The update file enables you to update an existing installation of AllSync.

Installation

To install AllSync, you must have administrator rights.

Installation File

Installation of AllSync can be customized via the following command-line parameters:

/SP-

This causes the message "Installing AllSync..." to be suppressed when launching the file.

/SILENT

This causes only the window showing installation progress to be displayed. Errors are displayed if they occur. If restarting the computer is necessary, this first has to be confirmed.

/VERYSILENT

This causes no window to be shown during installation. Errors are displayed if they occur. If restarting the computer is necessary, this is done without any confirmation.

/NORESTART

This causes restarting to be suppressed and not to be performed.

/NOCANCEL

This causes the user to be unable to cancel installation.

/DIR="x:\Directory"

Specifies the installation directory for AllSync.

/LANG=Language

This enables you to deactivate the language selection dialog during startup and to specify the language used during installation. The following language abbreviations are available: 'de' for German and 'en' for English.

/LOG

Generates a log file in the user's Windows temp directory containing detailed information about the installation operation.

/LOG="path/filename"

Generates a file in the folder specified containing detailed information about the installation operation.

Example:

AllSyncSetupDemo.exe /SP- /SILENT /NOCANCEL /DIR="c:\AllSync" /LANG=en

Licenses

Entering the License Key

When launching the full version of AllSync for the first time after newly [installing](#) it you are prompted to enter the license key. **The license key is case-sensitive, meaning a distinction is made between uppercase and lowercase letters when making entries.**

License data for newly purchased licenses is entered by opening the Info Window in the full version (*Help – About*). To open the Info window, start AllSync and press CTRL+I.

The command-line command [-LIC](#) enables the Info window for entering the license data to be popped up at any time.

Automating and Distributing Licenses

License data can be entered via the [command-line command](#) -l, also without the user interface. Windows [Active Setup](#) enables the entry of license data to be automated for various users.

Note

Note that [AllSync Scheduler](#) / [AllSync Service Tool](#) has to be restarted in order for new license data to take effect.

Important Information

- Do not use original data when you are trying out the various settings of AllSync.
- Never directly start a copy operation when you have just made changes to the [properties](#) of a [profile](#). Always create a copy preview first in order to verify your settings.
- Activate the backup folder option in [Data Protection](#) so as to avoid losing any data.
- Activate the option [Check source and destination folder for availability](#) when the [source or destination folder](#) is located on another computer in the network.
- The following Windows system data has to be excluded from copy operations:
 - Folders: [drive letter]\Recycled\
 - Folders: [drive letter]\Recycler\
 - Folders: [driveletter]\\$RECYCLE.BIN\
 - Folders: [driver letter]\System Volume Information\
 - File: [drive letter]\pagefile.sys

To do this, use the System [attribute filter](#) or create a [folder](#) or [file filter](#) for this purpose.

Basic Terms and Concepts

A number of basic terms and concepts are explained here which are used in the AllSync manual:

- [Actions](#)
- [AllSync Scheduler](#)
- [AllSync Service Tool](#)
- [Dragging & Dropping](#)
- [Context Menu](#)
- [Copy Mode](#)
- [Copy Operation](#)
- [Copy Preview](#)
- [Process Copy Preview](#)
- [Profiles](#)
- [Profile Properties](#)
- [Profile List](#)
- [Source and Destination Folders](#)
- [Report Window](#)
- [Operation \(Copy Processes\)](#)

Actions

Actions refer to copying, deleting or filtering files or folders. The actions are indicated in the [report](#) via various [icons](#).

AllSync Scheduler

[AllSync Scheduler](#) enables you to automatically run [profiles](#) by [scheduling](#) them.

AllSync Service Tool

The [AllSync Service Tool](#) enables you to install [AllSync Scheduler](#) as a Windows service.

Dragging & Dropping

This is done as follows: Left-click on an object (place the mouse cursor on the object followed by pressing

the left mouse button) and keep the mouse button pressed. Next drag the object onto another object, followed by releasing the mouse button.

Context Menu

The context menu offers actions in keeping with the respective object and can be accessed by right-clicking the object (clicking on it using the right mouse button).

Copy Mode

The [copy mode](#) determines in which direction the folders and files are copied from the [source and destination folder](#) and the [copy rules](#) applied in the process.

Copy Operation

In a copy operation, all the files and folders in the [source and destination folders](#) are processed on the basis of the [profile properties](#).

Copy Preview

A copy preview causes the contents of the [source and destination folder](#) to be read and rendered in the [report](#) along with the file and folder actions to be performed.

Process Copy Preview

This causes all the [actions](#) of files and folders indicated in the [report](#) to be performed.

Profiles

All the [settings](#) required for a copy operation between the [source and destination folders](#) are stored by AllSync in a [profile](#).

Profile Properties

[profile properties](#) comprise all the settings for a copy operation between two [folders](#).

Profile List

The [profile list](#) contains all of the profiles set up by you and enables them to be sorted in various folders according to project.

Source and Destination Folders

The [source and destination folders](#) designate the folders between which a copy operation is to be performed.

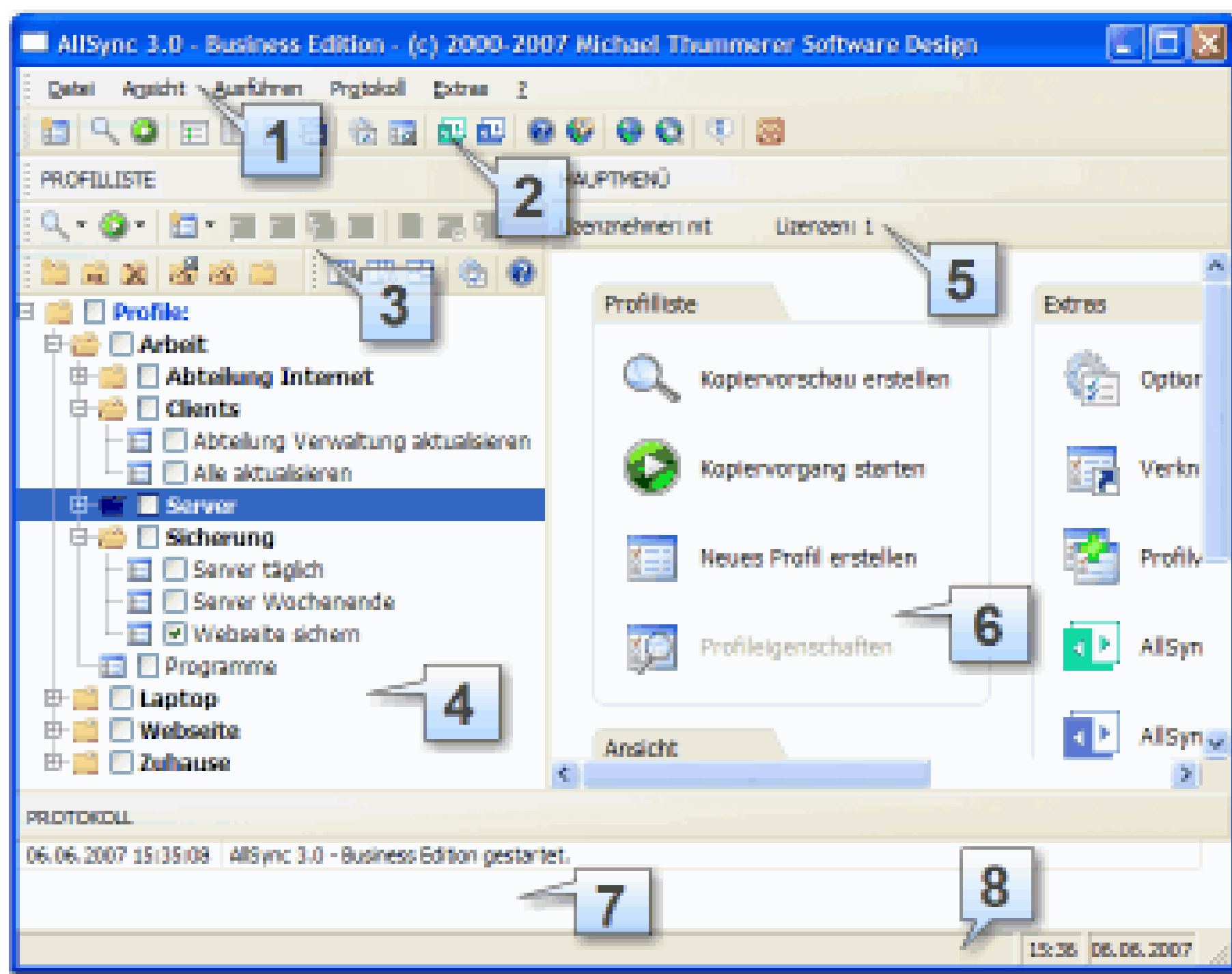
Report Window

The file and folder actions are rendered in the [report window](#) in a convenient easy-to-read manner.

Operation (Copy Processes)

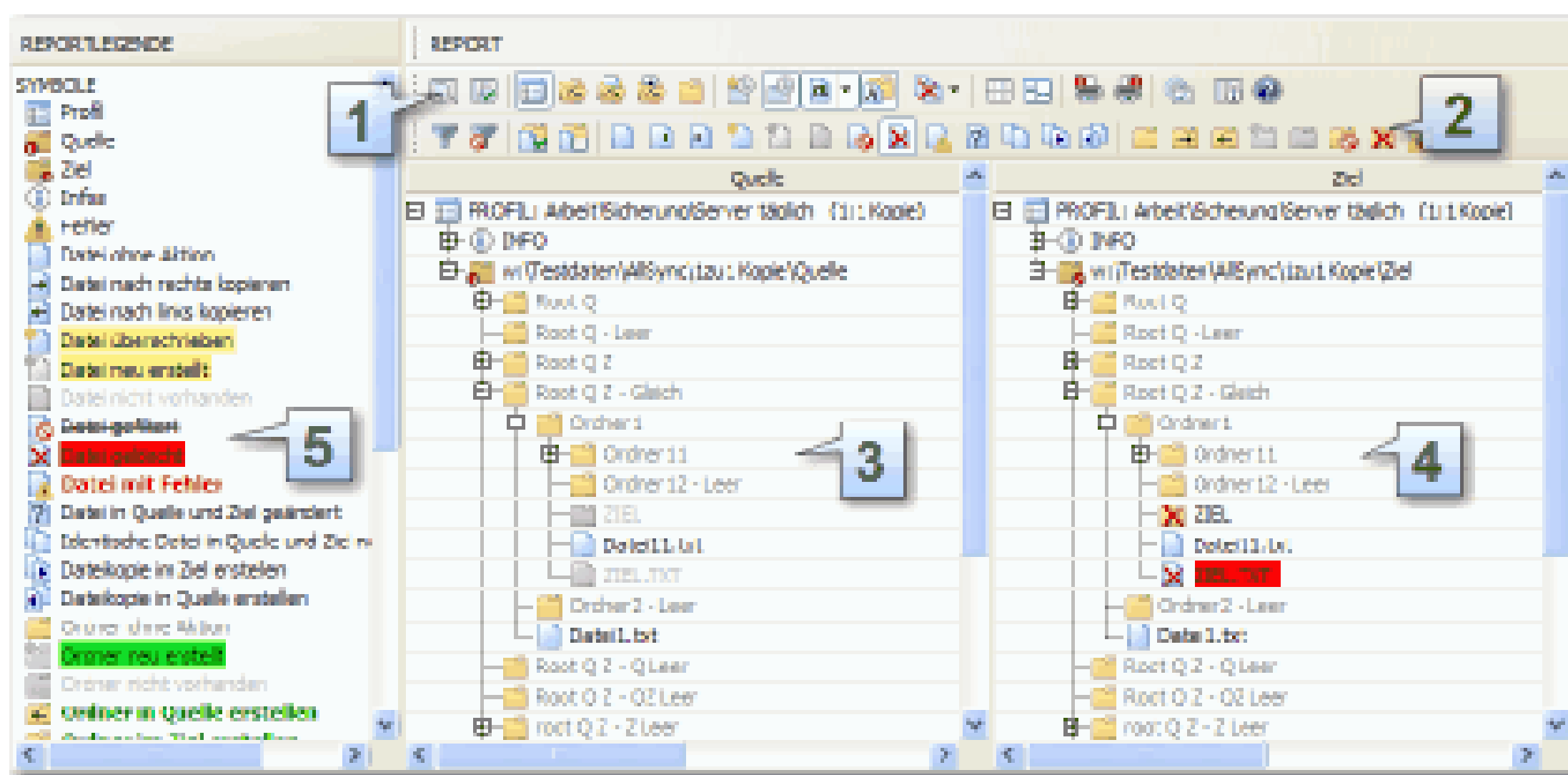
An operation refers to a copy operation (copying), copy preview or the processing of a copy preview.

AllSync - Main Window



1. [Menu bar](#)
2. [Main Window toolbar](#)
3. Profile list: [toolbar](#)
4. [Profile list](#)
5. [License information](#)
6. [Main menu](#), [Report Window](#), [QuickSync](#) or [progress indicator](#)
7. [Log pane](#)
8. Status bar

Report Window



The two report windows (3, 4) provide an easy-to-read overview of the [source and destination folders](#) of the profiles subsequent to a copy preview or copy operation. This [toolbar](#) (1) enables various actions to be performed using the report. This toolbar (2) of the [report filter](#) enables files and folders that are not needed to be hidden. The [report legend](#) (5) can be displayed for interpreting the report as needed and explains the meaning of the various icons appearing before the files and folders.

- [Copy Preview](#)
- [Copy Operation \(Copying\)](#)
- [Options](#)
- [Report Filter](#)
- [Report Columns](#)
- [Report Window Toolbar](#)
- [Context Menu](#)

Copy Preview

When a copy preview is created, the contents of the [source and destination folders](#) are conveniently displayed in an easy-to-read manner in the two report windows. The [icons](#) in front of a folder or file show you directly which action AllSync will perform on that item.

Edit Copy Preview

The actions shown of files and folders can be modified via the [context menu](#).

Process Copy Preview

Enables all actions of the copy preview to be processed.

Copy Operation (Copying)

After a copy operation, all the actions performed are shown in the two report window panes so you can examine them. This can be deactivated in the [General \(Options\)](#) (cf. [Profile Properties](#)).

Options

You can make additional settings for the report window in AllSync's general [Options](#):

- [Report Colors](#)
- [Report Window](#) options
- [Copy Preview](#) options

Report Filter

The report filter enables you to quickly get a better picture of the files and folders that are not needed on the basis of their [icons](#) in the report. To do this, select all the file and folder buttons on the toolbar of the report filter to be shown in the report, followed by initiating filtering.

	Start Filtering
	Reset Filtering
	Select All Buttons
	Unselect All Buttons

Report Columns









The report features the following columns:








- Source or Destination Folder
- Modified Date (optional)
- Created Date (optional)
- File Size (optional)

- Bytes (BS)
 - Kilobytes (KB)
 - Megabytes (MB)
 - Gigabytes (GB)
 - Automatic
- Attributes (optional)
 - A - Archive
 - S - System
 - H - Hidden
 - R - Read-only
 - E - Encrypted
 - L - Symbolic link
 - T - Temporary
 - C - Compressed
 - O - Offline
 - I - Indexed
 - P - Sparse

Report Window Toolbar

	Create Copy Preview of All Profiles in Report
	Process Copy Preview This causes all the actions shown for all profiles to be carried out.
	Delete Report This causes the contents of the two report windows to be deleted and the requisite RAM to be freed up for rendering the report.
	Open/Close All Profiles
	Open All Subfolders

	Open All Folders Containing Actions
	Open All Folders Containing Actions (Without Filtering)
	Open All Folders Containing Copy Actions
	Close All Subfolders
	Show/Hide Modified Date Column
	Show/Hide Created Date Column
	Show/Hide Last Accessed Date Column
	<div>Show/Hide File Size Column<ul style="list-style-type: none">Show in BytesShow in Kilobytes (KB)Show in Megabytes (MB)Show in Gigabytes (GB)</div>
	Show/Hide Attributes Column
	<div>Removes items from the report:<ul style="list-style-type: none">Remove Identical Files and Folders Without Any ActionsRemove Files + Folders Without Any Actions Or Not PresentRemove Filtered Files And FoldersRemove Filtered Files And Folders Without Any Delete ActionsRemove All Files Without Any Date ConflictRemove All Profiles Without Any Entries Below Source and Destination</div>
	Toggle Report Tiling (Horizontal/Vertical)
	Optimize Column Width

	Show Info Table
	Print Source Report
	Print Destination Report
	Show report legend
	Show Options
	Activate/Deactivate Balloon with File and Folder Info
	Show Help

Context Menu

Various actions can be accessed via the [context menu](#) of the file and folder report entries:

No Action

Undoes the action performed to the file or folder (keyboard shortcut: 1).

Copy

Sets the file or folder action to 'Copy' (keyboard shortcut: 2). Any identical file on the other side is copied over.

Delete

Sets the file or folder action to 'Delete' (keyboard shortcut: 3). Any identical file on the other side is deleted.

Filter

Sets the [file](#) or [folder](#) action to 'Filter' (keyboard shortcut: 4).

Create Duplicate

Sets the file action to [Create duplicate](#) (keyboard shortcut: 5). A copy is made, recognizable by the *.COPY extension. For more information, see Synchronization Conflicts.

No Action – All Files in This Folder

Undoes the action to be performed to all the files in this folder (keyboard shortcut: 6).

No Action – All Files and Subfolders

Undoes the action to be performed to all the files and subfolders in this folder (keyboard shortcut: 7).

Copy – All Files in This Folder

Sets the action to be performed to all the files in this folder to 'Copy' (keyboard shortcut: 8).

Copy – All Files and Subfolders

Sets the action to be performed to all the files and subfolders in this folder to 'Copy' (keyboard shortcut: 9).

Add to Filter List

Enables either the name or the entire path of [files](#) or [folders](#) to be added to the filter list.

Open/Close All Subfolders

Enables all subfolders of a folder to be opened or closed.

Windows Clipboard

Enables the file and folder path to be copied to the Windows Clipboard.

Open

Causes a file or folder to be opened using the application associated with it.

Open Using

Enables you to select an application to open the file.

Properties

Enables the properties of a file or folder to be viewed.

Windows Explorer Context Menu

This causes the Windows Explorer context menu for the selected file or folder to be shown.

Compare

This causes the file to be opened along with the file on the other side using a specified program for the

purpose of comparing the two files. See [Copy Preview](#) options.

Using This Manual

Making a Printout

The manual can be printed in its entirety or in part. To make a printout, click on a topic on the *Content* tab in the menu window, followed by clicking on the *Print* button on the toolbar.

Searching the Manual

The *Search* tab enables you to search the entire manual for certain expressions.

Favorites

The *Favorites* tab enables you to bookmark frequently used help topics.

Can't find the information you're looking for?

Is a description missing for a feature? Tell us by sending an e-mail to support@mtsd.de.

AllSync Menu Bar

File

New Profile

Creates a new profile.

Application Data Backup

[Creates](#) and [restores](#) an AllSync application data backup.

Language

Enables you to change the [dialog language](#) of the user interface.

Exit

Shuts AllSync down.

View

Main Menu

Shows the [main menu](#).

Report Window

Shows the [report window](#).

QuickSync

Displays [QuickSync](#).

Profile List

Shows the [profile list](#).

Report legend

Shows the [report legend](#).

Run

Start Copying

Starts a [copy operation](#) of all the profiles activated in the [profile list](#).

Create Copy Preview

Creates a [copy preview](#) of all the profiles activated in the [profile list](#).

Process Copy Preview

Processes the copy preview of all the profiles in the [report](#).

Log

General

Displays the AllSync general log.

Error

Displays the error log.

Zip

Displays the zip log.

QuickSync

Displays the QuickSync log.

Scheduler

Displays the [AllSync Scheduler](#) log.

Service

Displays the [AllSync Service Tool](#) log.

Tools

Options

Shows the [options](#).

Shortcut Manager

Shows the [shortcut manager](#).

Profile Chaining

Displays [profile chains](#).

Environment Variables

Shows the Windows [environment variables](#).

Speed-Test

Show the Speed-Test for the [Copy Methods](#)

Scheduler

Launches [AllSync Scheduler](#).

Service Tool

Launches [AllSync Service Tool](#).

Help

Help

Displays the help file.

Internet Support Forum

Takes you to the Internet [Support Forum](#).

AllSync Website

Enables you to access the AllSync website.

Internet Update

Launches the [Internet Update](#) wizard.

Internet Customer Area

Enables registered users to log in directly to the Customer Area.








Order AllSync

Shows the [ordering information](#).

About

Shows program information.

AllSync Toolbar

	Creates a new profile .
	Creates a copy preview of all the profiles activated in the profile list .
	Processes the copy preview of all the profiles in the report .
	Initiates a copy operation of all the profiles activated in the profile list .
	Shows the main menu.
	Shows the report window .
	Displays QuickSync .
	Hides and unhides the profile list .
	Enables you to pop up the options .
	Pops up the Shortcut Manager .
	Launches AllSync Scheduler .
	Launches AllSync Service Tool .
	Displays the help file.
	Takes you to the Internet Support Forum .
	Enables you to access the AllSync Website .
	Enables you to initiate AllSync Internet Update .
	Shows program information.
	Shuts AllSync down.

Progress Indicator

The progress indicator informs you of the current status of a copy operation or copy preview.

Operation (Copy Processes)

Info, Progress & Duration

Information, progress and the duration of the entire operation of all profiles are shown here.

Profile, Duration & Copy Mode

The name, duration and [copy mode](#) of the current [profile](#) is shown here.

Folder Pair

The number and progress of the folder pairs of the current profile undergoing processing are shown here.

Source & Destination

The [source](#) and [destination folders](#) of the current folder pair are shown here.

Processing :

The folder currently undergoing processing is shown here.

Progress & Duration

The progress between the folders of a folder pair is shown as a progress bar in per cent. The duration and the number of files and folders already processed are also shown. Note: To have the progress indicator displayed, activate the option [Show progress between source and destination folder as a percentage](#) in the [Profile Properties](#).

Last Action

The last action completed or currently in progress is shown here.

Options

Set application priority to 'low'

Activate this option if your system is overburdened by the current operation and other applications take too

long to respond to user input.

Reduce hard disk accesses per second

This option enables you to reduce the number of hard disk accesses per second so that other applications do not become sluggish. The pause is specified in milliseconds and takes place when reading the source and destination data after each file/folder found.

Upon completing the copy operation:

This option enables you to perform one of the following actions after the copy operation:

- Shut down computer
- Shut down Windows
- Restart Windows
- Log off user
- Standby
- Hibernate
- Shut down AllSync
- Lock computer

You can also specify that the action not be performed in the event of errors.

Create copy preview of all profiles after copy operation

This option causes a copy preview to be created of all profiles after the copy operation.

Log Pane

Information and messages pertaining to a copy operation are shown in the log pane.

Context Menu

The following actions can be accessed via the [context menu](#):

Copy

Enables selected lines of text to be copied to the Windows Clipboard.

Error Information

Enables a help file containing [error information](#) to be opened.

Hide/Unhide Heading

Enables the *LOG* heading to be hidden and unhidden.







Wrap Text







Enables lines of text extending beyond the visible area of the screen to be wrapped so that the text is completely visible.

Maximize Window

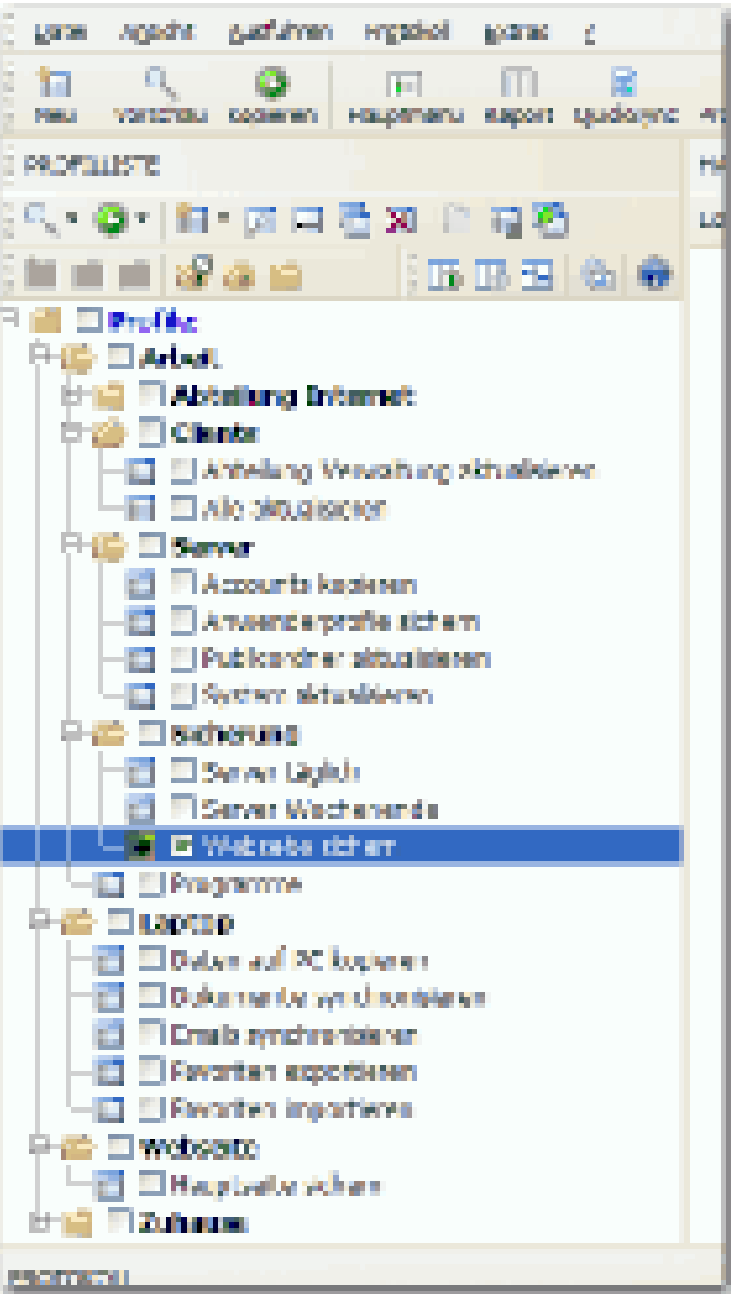
This enables you to maximize the log pane or restore its original size.

Report Legend

	Profile
	Source folder
	Destination folder
	Info Statistical information pertaining to the operation.
	Error messages Number of error messages occurring during a copy operation.
	File with no actions No actions are to be performed to this file.
	Copy file to the right File to be copied to the right (destination).
	Copy file to the left File to be copied to the left (source).
	Overwrite file The file will be overwritten by the file on the other side.
	File to be created The file is not present and is to be created.
	File not present The file is not present.
	File to be filtered The file is filtered .
	File to be deleted This file is to be deleted.
	File containing error This file has generated an error.
	File changed in source + destination This file has changed at the source and destination since the last sync operation .

	Identical file newly present at source + destination This file has been added since the last sync operation and is identical at the source and destination.
	Create file copy at destination The source file is to be created in the destination folder and be given the '.COPY' extension .
	Create file copy at source The destination file is to be created in the source folder and be given the '.COPY' extension .
	Folder with no actions No actions are to be performed to this folder.
	Folder to be created The folder is not present and is to be created.
	Folder not present The folder is not present.
	Create folder at source The folder is not present on the left side (source) and is to be created there.
	Create folder at destination The folder is not present on the right side (destination) and is to be created there.
	Folder filtered This folder and all its subfolders are to be filtered out .
	Folder deleted This folder and all its subfolders are to be deleted.
	Folder containing error This folder has generated an error.

Profile List



The profile list contains all of the [profiles](#) available that can be used for initiating a copy operation. Each profile can be activated for a copy operation as needed via the checkbox before its name.








You can create new folders and profiles and sort them in various folders according to project via the [toolbar](#) or context menu. The profiles and folders can also be moved and copied within the profile list by [dragging and dropping](#) them.

Profile Folders

All profiles and folders are stored on the hard disk in the *Profiles* subfolder of AllSync's [Application Data](#) folder.

Toolbar and Context Menu

	<div>Create Copy Preview of All Profiles Activated in Profile List</div> <div><ul style="list-style-type: none">Create Copy Preview (Without Profile Chaining) This causes profile chaining not to be used.Create Copy Preview (Without Any Actions) This causes an image to be created of the source and destination folders without any actions being performed.</div>
	<div>Processes the copy preview of all the profiles in the report.</div>
	<div>Start a Copy Operation of all the profiles activated in the profile list.</div> <div><ul style="list-style-type: none">Start Copying (without Profile Chaining) This causes profile chaining not to be used.</div>
	<div>Create New Profile.</div> <div><ul style="list-style-type: none">Creates a new profile using the wizardEdit Template for New Profiles</div>
	<div>Profile Properties</div>

	Rename Profile
	Copy Profile
	Delete Profile
	Display Profile Log
	Create Shortcut for Profile
	Show profile chaining of Profile
	Create Screenshots This option causes screenshots to automatically be made of all the profile properties in the Screenshot folder .
	Create New Folder
	Rename Folder
	Delete Folder
	Open Source Folder Using Windows Explorer
	Open All Folders Containing Activated Profiles
	Open All Folders
	Close All Folders
	Hide/Unhide <i>Copy Mode</i> Column
	Hide/Unhide <i>Last Run</i> Column
	Optimize Column Width
	Activate/Deactivate Balloon with Profile Info
	Display Options of Profile List (Options)



Keyboard Shortcuts

Copy preview:

- To create a copy preview of a profile, hold down the CTRL key while left-clicking on the profile.
- To create a copy preview of all the profiles in a folder, hold down the CTRL key while left-clicking on the profile folder.

Copying:

- To start a copy operation of a *profile*, hold down the ALT key while left-clicking on the *profile*.
- To start a copy operation of *all the profiles in a folder*, hold down the ALT key while left-clicking on the *profile folder*.

Copying a profile:

- To create a copy of a profile, hold down the SHIFT key while left-clicking on the profile and dragging and dropping it onto another folder.

Profiles

All the settings required for a copy operation between a [source and destination folder](#) are stored in a profile. You can create as many profiles as you like and administer them in the [profile list](#). [Profile properties](#) enable you to enter the settings required for a copy operation.

Minimal Requirements

To perform a copy operation, all you need to do at minimum is specify a [copy mode](#) and select a [source and destination folder](#).

Profile Template

This enables the standard settings for the profile properties to be specified that are automatically applied when creating a new profile. This is enabled providing the profile option [Use profile template when creating new profiles](#) is activated.

Profile Wizard

The [Profile Wizard](#) assists you in creating new profiles. It is available if the profile option [Show Profile Wizard when creating new profiles](#) has been enabled.

Timer-Run Initiation of Profiles

[AllSync Scheduler](#) enables profiles to be scheduled and run automatically.

Creating Shortcuts

The [Shortcut Manager](#) enables you to conveniently create shortcuts of your profiles on your desktop or in other folders so you can initiate copy operations with mouse-click ease.

Profile Chaining

[Profile chaining](#) enables you to concatenate several profiles so that they are automatically consecutively run in a specific sequence.

Storage Location of Profiles

All profiles are stored in the *Profiles* subfolder of the [Application Data](#) folder.

Profile Properties

The profile properties comprise all the settings for a [copy operation](#) between two folders. Note that depending on your [product edition of AllSync](#) certain profile properties are not available.

Menu

- [Info](#)
- [Copy Modes](#)
 - [Copy Rules](#)
 - [File Options](#) *
 - [Folder Options](#) *
 - [Sync Conflicts](#)
 - [Backup Options](#)
- [Folders](#)
- Filters *
- [Folders](#) * (Folder Filters)
- [Files](#) * (File Filters)
- [Properties](#) * (Property Filters)
- Options
 - [General](#)
 - [Data Protection](#)
 - [Profile Chaining](#) *
 - [Log](#) *
- [External](#) *
 - [Remote Access](#) *
 - [Services](#) *
 - [Connect Drives](#) *
 - [Programs](#) * (Running Programs)
 - [VB Scripts](#) *

- [Show Variables](#)

* This profile property is not displayed in the menu unless *Expert Mode* (cf. bottom of menu) has been enabled.

Profile Properties - Info

Profile

File name:

File name of the profile.

Folder:

The folder is displayed here where the profile file is stored.

Icon:

Here you can specify a new icon for the profile, which is then shown in the [profile list](#) before the profile name. Use the buttons to select new icons or delete an existing one. New icons can be added by [dragging & dropping](#) onto an existing icon.

Notes

Here you enter key information on the [profile](#). The profile notes can be viewed via the *Info* button when the profile is started via the [command-line](#) option -s.

AllSync Scheduler

All [AllSync Scheduler tasks](#) whose profile is activated are entered in the task list.

Profile Properties - Copy Modes

- [Copy Modes](#)
- [Copying Direction](#)
- [Templates for Copy Operations](#)

Copy Modes

AllSync offers you 6 copy modes that can be adapted as needed via various [copy options](#).

1:1 copy

This copy mode causes an exact copy of the contents of the source folder to be created in the [destination folder](#).

- All source files with a MODIFIED DATE differing from that of the file of the same name in the destination folder are copied.
- All source files with a FILE SIZE differing from that of the file of the same name in the destination folder are copied.
- All files and folders are copied from the SOURCE folder to the DESTINATION folder if they are not present there.
- All files and folders at the destination are deleted if they are not present at the source.
- No folders or files are created, deleted or overwritten at the source.

Update

This copy mode causes only new and modified items to be copied from the source folder to the destination folder.

- All source files with a MODIFIED DATE differing from that of the file of the same name in the destination folder are copied.
- All source files with a FILE SIZE differing from that of the file of the same name in the destination folder are copied.
- All files and folders are copied from the SOURCE folder to the DESTINATION folder if they are not present there.
- No folders or files are deleted in the destination folder.

- No folders or files are created, deleted or overwritten at the source.

User-defined

This copy mode enables folders and files to be copied or moved from the source folder to the destination folder.

- In contrast to *1:1 copy* mode, the [copy rules](#) can be individually specified.
- Source files can be compressed into a ZIP file at the destination.
- Source files can be moved to the destination folder.
- No folders or files can be created or overwritten in the source folder.

Sync

This copy mode causes the contents of the [source and destination folders](#) to be synched so that the same items are contained in both.

- All SOURCE folder items with a modified date that is more current than that of the file of the same name in the DESTINATION folder are copied.
- All DESTINATION folder items with a modified date that is more current than that of the file of the same name in the SOURCE folder are copied.
- All files and folders are copied from the SOURCE folder to the DESTINATION folder if they are not present there.
- All files and folders are copied from the DESTINATION folder to the SOURCE folder if they are not present there.
- All files and folders at the SOURCE can be deleted if they have been deleted at the DESTINATION since the last copy operation. See [Structure Conflict](#) option.
- All files and folders at the DESTINATION can be deleted if they have been deleted at the SOURCE since the last copy operation. See [Structure Conflict](#) option.
- You have the option of various actions when the same file at the source and destination has been changed since the last copy operation. See the [File Conflict](#) option.
- All files and folders at the destination can be deleted if they are not present at the source. See [Master](#) option.
- All files and folders at the source can be deleted if they are not present at the destination. See [Master](#) option.

Populate

This copy mode causes the contents between the [source and destination folder](#) to be synched for non-existent files.

- All files and folders are copied from the SOURCE folder to the DESTINATION folder if they are not present there.
- All files and folders are copied from the DESTINATION folder to the SOURCE folder if they are not present there.
- No folders or files are deleted or overwritten in the source or destination folders.

Backup

This copy mode causes the contents of the source folder to be copied to a [backup folder](#) in the destination folder.

- Backup ([copy rules](#)) can be individually specified as needed.
- Backup can be made to a new backup folder during every copy operation.
- The items of the destination folder can be backed up into a [ZIP file](#).
- The maximum [number](#) of backups can be specified.

Copying Direction

The picture shows the direction(s) in which the items are copied for the selected copy mode.

Templates for Copy Operations

This option enables you to automatically make all the requisite profile settings for a specific copy operation. To do this, select a template, followed by clicking on the *Apply* button.

Profile Properties - Copy Rules

- [Rules for Copying Files and Folders](#)
- [Rules for Deleting Files and Folders](#)
- [Rules for Overwriting Files](#)

Rules for Copying Files and Folders

Copy missing files and folders

This option causes all files and folders not present in the directory on the other side to be copied.

Don't search folders (NTFS junction points) that point to the contents of another folder

[NTFS junction points](#) are empty folders that point to the contents of another folder. This option enables you to prevent these folders from being searched and processed. This option is activated by default. When activating this option you should check first that no loops are created by the junction points and no data items are processed twice.

Disable windows 64bit file system redirection

This option enables the access to the folder "*C:\Windows\System32*" when running AllSync on a windows 64 bit version and prevents the redirection to the folder "*C:\Windows\SysWOW64*".

Save all source files at the destination folder without their folder structure

This causes all source files to be saved at the destination folder without their folder structure.

Example:

Source: C:\Data

Destination: D:\Data

The source file "*C:\Data\Office\info.txt*" will be copied to the destination "*D:\Data\info.txt*" and NOT into the folder "*D:\Data\Office*".

Store source file as compressed ZIP file at destination

This causes a source file being copied to be stored as a compressed ZIP file at the destination.

Example: Data.doc -> Data.doc.zip

Compression

This option enables you to specify the compression to be used for the files being backed up. The following settings are possible:

- None
- Fast
- Normal (default setting)
- Maximum

The higher the compression, the longer it takes for the ZIP file to be created. The *None* option causes items to be zipped without being compressed.

Compression method

The following settings are possible:

- Deflate ([info](#))
- Deflate64 ([info](#))
- BWT ([info](#))
- LZMA ([info](#))

Deflate is the default compression method of the general ZIP format supported by many other programs. In comparison to *Deflate*, *Deflate64* and *BWT* enable a higher degree of compression to be achieved, however they aren't supported by all programs.

Encryption

This option enables you to password-protect the ZIP file against unauthorized access. The following encryption methods are available:

- Standard Zip 2.0
- AES 256-bit

Using the AES encryption method is advisable as it provides a much higher degree of security than conventional Zip 2.0 encryption.

Move source files to destination folder

This causes the source files being copied to be moved to the destination folder. You can also specify that empty source folders are to be deleted:

- Delete all source folders that are empty after being moved

- Delete all source folders that were empty prior to being moved

Copy only files with the 'Archive' attribute

This option causes only files possessing the 'Archive' file attribute to be copied. All files without the 'Archive' attribute are automatically filtered.

Transfer access permissions of files and folders

This option enables you to transfer the access permissions of files and folders to their destination counterparts. To this end, the partitioning of the source and destination data items has to be done using NTFS. When the *only when creating and copying files* option is activated, permissions are not transferred unless a file/folder is copied to the destination.

- If you want to transfer access permissions on the local machine, you have to be logged on as the administrator and possess the requisite read and write permissions for the source and destination items.
- If you want to transfer access permissions between two computers in the network the computers have to be registered in the same domain. You also have to be logged on as the domain administrator and possess the requisite read and write permissions for the source and destination items.

Rules for Deleting Files and Folders

Delete items at destination which are not present at source

This option causes all files and/or folders not present at the source to be deleted at the destination. You can also specify which data items are to be deleted:

- Files + Folders
- Files
- Folders

Delete items at destination which are filtered at source

This causes all files and/or folders which are filtered at source to be deleted at the destination. You can also specify which data items are to be deleted:

- Files + Folders
- Files

- Folders

Rules for Overwriting Files

Main Rule

This option specifies when a file is to be overwritten by another file of the same name. The following settings are possible:

1. Never overwrite
2. Always overwrite
3. Overwrite file if modified date/time of file being copied is more recent
4. Overwrite file if modified date/time of both files is different
5. Overwrite file if size of both files is different
6. Overwrite file if the contents of both files are different

For other settings for comparing the contents of two files, see File Options – [*Content Comparison Method*](#).

Supplementary Rule

The following additional rules are possible when applying main rules 3 and 4:

- or the contents of the files are different
- and the contents of the files are different
- or size of files is different
- and size of files is different

For other settings for comparing the contents of two files, see File Options – [*Content Comparison Method*](#).

Treat files with a modified time differential of exactly...

This option enables an exact time differential between the modified date/time of the source and destination file to be ignored, thus preventing the source file from being copied. The time differential can be specified in hours, minutes and seconds. This option may be useful after a switchover between [*standard and daylight saving time*](#), as the source and destination files may exhibit a time differential of one hour.

Treat files with a modified time differential of up to ...

This option enables a time differential of up to 24 hours between the modified date/time of the source and destination file to be ignored, thus preventing the source file from being copied. The time differential can

be specified in hours, minutes and seconds. This may be useful when running copy operations between NTFS and FAT partitions, as the modified date/time of the two files may exhibit a differential of several seconds after copying. For more information, consult the [Microsoft](#) website.

Profile Properties - File Options

- [Copy Method](#)
- [Copy Attempts](#)
- [Verification Check \(of the content of copied files\)](#)
- [Method for Comparing Contents](#)
- [Options for Copy Method C and Content Comparison](#)
- [Modifying File Attributes](#)
- [Options](#)

This profile property isn't available unless [Expert Mode](#) is activated.

Copy Method

This option enables you to specify the internal copy method used by AllSync for copying files.

PROPERTIES OF THE VARIOUS COPY METHODS	A	B	C	D
Display the copy progress of a file	-			-
Resume an interrupted copy operation of a file	-			-
Cancel the copy operation of a file	-			-
Change the copying speed	-	-		-
Copying of file attributes				?
Copying of the Modified Date				?
Copying of the Created Date	-	-		?

PROPERTIES OF THE VARIOUS COPY METHODS	A	B	C	D
Copying of the Last Accessed Date	-	-		?
Copying of NTFS compression	-	-		?

Automatically use the fastest copy method

This option enables the fastest copy method to be automatically determined for each source and destination folder pair. Copy Method C is used with a [data packet size](#) of 300,000 bytes when the source or destination folder is recognized as a network folder. Otherwise Copy Method B is always used.

Which copy method should you use?

Following from the results produced by various copying tests we can give the following recommendations:

COPYING SCENARIO	A	B	C
From computer A to computer B via a network link	-	-	
From hard disk A to hard disk A			-
From hard disk A to hard disk B			-
From a hard disk to a USB stick or USB hard disk			-

Copy Method C

Upon starting the copy operation, the destination file is created with a modified date which is older than that of the source file. This ensures that AllSync automatically recopies the source file during the next copy operation in the event the link to the destination folder is interrupted. After the file is successfully copied, the create and modified date of the destination file is adapted to that of the source file. This copy method also enables you to specify the size of the [data packets](#) and the [pause](#) between data packets.

Copy Method D

This option enables you to specify an external program like Microsoft Windows' [Xcopy](#) command for the copy operation of the source file to the destination folder. The following variables (%) are available to you

for passing the source and destination file:

- %1 = source file (example: C:\Data\Info.doc)
- %2 = destination file (example: D:\Backup\Data\Info.doc)
- %3 = destination folder (example: D:\Backup\Data)

Example of the Windows Xcopy command: Xcopy "%1" "%3" /h /r /y

When the return value of the external program is not equal to zero, an error message is outputted to the log file.

Copy Attempts

This option enables you to specify that a file is to be recopied in the event there is an error while copying it. You can specify the number of copy attempts for a file and the interval between them in seconds. The default value of 1 for the number of copy attempts causes a file to be copied only once and no renewed attempts to be made when an error occurs.

Resume interrupted copy operation of a file

This option enables a copy operation of a file to be resumed at the point it was interrupted when another copy attempt is made. This option needs the [Copy Method C](#) to be activated.

Advanced Rules

You can additionally specify advanced rules for certain errors and enter them in the text pane. One rule is entered per line. Each rule must contain the following items, separated by a comma:

1. [Error no.](#)
2. Number of copy attempts (1-99)
3. Interval in seconds between copy attempts (1-99)
4. Here you specify which action is to be performed when a copy attempt is unsuccessful. The following values are possible:
 - 0 = Don't abort profile and continue with the next file
 - 1 = Abort profile
 - 2 = Abort processing of the current source and destination folder and continue with the next folder pair

Examples:

- Rule "112,1,1,1" causes no further copy attempt to be made and the profile to be aborted when error 112 occurs.
- Rule "64,6,15,2" causes an additional five copy attempts to be performed in intervals of 15 seconds when error 64 occurs. If the file cannot be copied without any errors, processing of the current source and destination folder is aborted and processing is continued with the next folder pair.
- Rule "32,3,10,0" causes two additional copy attempts to be made in intervals of 10 seconds. If the file cannot be copied without any errors, processing is continued with the next file.

Verification Check (of the content of copied files)

Activating this option causes the [contents of the source and destination file to be compared](#) after being copied. An error is logged if the contents of the two files aren't identical. You can also specify whether no comparison is to be performed of files above a certain size.

Method for Comparing Contents

This option enables you to specify the method used for performing a content check comparison between two files. Comparison is subject to the two files having the same file size.

Automatically determine the most optimal method

This option enables the best comparison method to be automatically determined for each source and destination folder pair. The *byte by byte* comparison method is used when the source or destination folder is recognized as a network folder. Otherwise the SHA copy method is always used.

Comparison Methods

- **Byte by byte**
A comparison of the entire file is done by reading [data packets](#) one by one and comparing them.
- **CRC32 (32-bit)**
This causes a CRC checksum of the contents of each file to be computed and then compared.
- **MD5 (128-bit)**
This causes an MD5 checksum of the contents of each file to be computed and then compared.

- **SHA (160-bit)**

This causes an SHA checksum of the contents of each file to be computed and then compared.

The *byte by byte* method provides for the highest degree of certainty and reliability when it comes to a content comparison. The accuracy of other methods decreases in keeping with the decreasing bit rate.

Options for Copy Method C and Content Comparison

The following two options are used with [Copy Method C](#) or the [byte by byte](#) comparison method:

Data packet

This setting enables you to specify in bytes the size of the data packets used to read from a file into main memory.

Pause

This setting enables you to specify the length of the pause in milliseconds between reading the individual data packets and thus decrease the transfer speed.

Modifying File Attributes

These options enable you to modify the attributes of the source or destination file after copying. The attributes aren't modified unless copying was successful. The following attributes can be set and deleted:

- Write-protected
- Hidden
- Archive

All existing file attributes are retained providing they are not to be modified via your settings.

Options

Use Windows Volume Shadow Copy Service (VSS) to copy open files

This option enables all open files to be copied for which error [32](#) or [33](#) would be returned in the log.

Please note the following when using this option:

- Windows XP, Server 2003, Vista, Server 2008 and Windows 7 (32/64 bits) are supported.
- Only the open files of local drives can be copied. Network drives, removable disks and other connected drives are not supported.
- The open files must be located in a source folder.
- Drives formatted with FAT32 are not supported unless another local NTFS drive is present.
- Windows (all versions): *Windows Volume Shadow Copy Service (VSS)* may not be deactivated. The startup mode of the service must be set to *manual* or *automatic*.
- Windows XP/2003: *MS Software Shadow Copy Provider* may not be deactivated. The startup mode of the service must be set to *manual* or *automatic*.
- Vista/Windows 7: When user account control (UAC) is activated, AllSync must be started with full administrator rights.

Transfer attributes of source files to existing destination files

This option enables you to transfer the attributes of a source file to an existing destination file during a copy operation. The attributes aren't transferred unless the source and destination files are identical on the basis of the [copy rules](#).

Transfer upper- and lowercasing of the source files to existing destination files

This option enables you to transfer the modified upper- and lowercasing of a source file to an existing destination file during a copy operation. The modification is not made unless the source and destination files are identical on the basis of the [copy rules](#).

Transfer file date and time after copying

This option causes the created and modified date of the source file to be transferred to the destination file subsequent to copying.

Before copying a file monitor the file size for any changes

This option causes the file to be copied to be monitored for any change in its size in a specified interval. The file isn't copied until no more changes in the file size have been detected.

Delete destination file when the source file can't be copied without any errors

This option causes the destination file to be deleted when an error occurs while copying the source file or the [Verification Check](#) fails.

Activate NTFS file compression

This option causes the copied destination file to be compressed. Requirements: The destination storage medium must be formatted with NTFS, the source file must be compressed and the [copy method C](#) must be used.

Profile Properties - Folder Options

This profile property isn't available unless [Expert Mode](#) is activated.

Options

Transfer attributes of source folders to existing destination folders

This option causes the attributes of a source folder to be transferred to an existing destination folder during a copy operation.

Transfer upper- and lowercasing of source folders to existing destination folders

This option enables you to always transfer the upper- and lowercasing of a source folder to an existing destination folder during a copy operation.

Transfer folder date and time after creation

This option causes the created date of a source folder to be transferred to the destination folder.

Don't create any empty folders in source or destination folder

This option causes empty folders created in the source and destination folder during a copy operation to be deleted.

Check source and destinations folder for availability

This option causes a recurring check to be performed during a copy operation to determine whether the [source and destination folders](#) are still accessible. The copy operation is terminated when a source or destination folder is no longer accessible after a specified number of checks. This option should be enabled for copy operations over a network link as the profile settings might cause the items at the source or destination to be deleted if the network link is interrupted.

No. of checks

This option enables you to specify the number of checks to be conducted. The entire operation is aborted if the folder is still not available after this number of checks.

Interval

Here you can specify the interval in milliseconds between checks for the *No. of checks* option.

Profile Properties - Synchronization Conflicts

- [File Conflict](#)
- [File Conflict Dialog](#)
- [Structure Conflict](#)
- [Reference List](#)
- [Master for Deleting Files and Folders](#)

File Conflict

This option enables AllSync to recognize the following differences when dealing with files with the same name:

- The size of the files is different.
- The files possess a different modified date since the last sync operation.
- The contents of two files are different (optional).
- The files possess a different modified date and have been added since the last sync operation.
- The source or destination file has been replaced by an older file.
- The source file has been replaced by an older file and the destination file has been modified since the last sync operation.
- The destination file has been replaced by an older file and the source file has been modified since the last sync operation.

These actions are available to you for dealing with a file conflict:

Don't perform any action

This option causes neither of the two files to be copied.

- **Show File Conflict dialog and ask which action is to be performed**

This option causes the [File Conflict dialog](#) to be displayed during a copy operation.

- **Timeout**

This option enables you to specify the number of seconds after which the File Conflict dialog is

automatically closed and no action is performed. You can also specify the number of timeouts after which the File Conflict dialog is to no longer be displayed.

Copy file from source folder

This option causes the source file to be copied over the destination file.

Copy file from destination folder

This option causes the destination file to be copied over the source file.

Create a copy of both files in the folder on the other side

This option causes a duplicate of the source and destination file to be created in the folder on the other side.

- **Format expression for the file name of copies:**

This enables the file name for duplicates to be specified.

Default value: %1.{COPY}%2

Example: data.{COPY}.txt

Rename source and destination file and create copy in the folder on the other side

This option causes the source and destination files to be renamed and a duplicate to be created of each in the folder on the other side.

- **Format expression for the name of the source file and its copy in the destination folder:**

This enables the file name of the source file and its duplicate in the destination folder to be specified.

Default value: %1.{SOURCE}.%2

Example: data.{SOURCE}.txt

- **Format expression for the name of the destination file and its copy in the source folder:**

This enables the file name of the destination file and its duplicate in the source folder to be specified. Default value: %1.{DESTINATION}.%2

Example: data.{DESTINATION}.txt

Rename source and destination file

This option enables the source and destination files to be renamed.

- **Format expression for the file name of copies:**

This enables the file name of the source and destination files to be specified.

Default value: %1.{CONFLICT}.%2

Example: data.{CONFLICT}.txt

Format expression

The following placeholders can be used in file names:

- %1 = file name without any extension
- %2 = data extension without leading dot
- [Windows environment variables](#)

Overwrite existing files with copy

This option enables you to specify that a file having the same name as the copy to be created is always overwritten.

Compare the contents of the source and destination files when no file conflict has been detected

This option enables the contents of two files to be compared as needed. A comparison of the contents is conducted only if no file conflict was detected beforehand. For other settings for comparing the contents of two files, see File Options – [Content Comparison Method](#).

Compare the file size of the source and destination files when no file conflict has been detected

This option enables the file size of two files to be compared as needed. A comparison of the file size is conducted only if no file conflict was detected beforehand.

File Conflict Dialog

The File Conflict dialog enables various actions to be performed during a copy operation in the event that a [file conflict](#) is encountered.

File

The name and folder of the source and destination file are shown here. The following buttons are available:

- *Compare Files* - Opens both files with the specified [compare program](#)

- *Open File* - Opens the source or destination file
- *Open Folder* - Opens the source or destination folder in Windows Explorer
- *Properties* - Shows the file properties of the source or destination file

Info

A description of the file conflict is given here. In addition, various items pertaining to the source and destination file are shown in a table:

- File Size
- Attributes
- Date Modified
- The modified date from the [reference list](#)
- Date Created

What action is to be performed?

This enables you to specify which action is to be performed for this file conflict. The following actions are available:

- Don't copy anything
- Copy source file
- Copy destination file
- Create copies
- Rename source and destination file and create copies
- Rename source and destination file
- Copy the newest file

If there are other conflicts, don't ask any more and always perform last action

This option causes the File Conflict dialog to not be displayed for the remainder of the copy operation and the action last selected by you to be performed.

Structure Conflict

This option enables you to prevent files and folders from being recreated when they have been deleted,

moved or renamed at the source or destination since the last sync operation. This option causes any files or folders of the same name on the other side to be automatically deleted providing they have not changed since the last sync operation. Otherwise they are recreated in the folder on the other side. Structure conflict detection can be individually activated for files and folders and additionally limited to the contents of source or destination folders.

- **Source + Destination**

When a file has been deleted in the source or destination folder, this same file is also deleted in the folder on the other side as well.

- **Source**

When a file has been deleted in the destination folder, this same file is also deleted in the source folder as well. When a file has been deleted in the source folder, this same file is NOT deleted in the destination folder and is recopied to the source folder.

- **Destination**

When a file has been deleted in the source folder, this same file is also deleted in the destination folder as well. When a file has been deleted in the destination folder, this same file is NOT deleted in the source folder and is recopied to the destination folder.

Reference List

File and structure conflicts can't be detected unless you have performed at least one copy operation using the profile. After a copy operation AllSync stores a reference list of all the files and folders for the next sync operation in a file called *profile_name.ar2*. The reference list can be reset as needed using the *Reset Reference List* button.

Master for Deleting Files and Folders

This option enables all files and folders to be deleted that aren't present in the specified master folder.

Master:

- **Source**

This causes all items to be deleted at the destination that aren't present at the source

- **Destination**

This causes all items to be deleted at the source that aren't present at the destination

- **Source + Destination**

This causes all items to be deleted at the destination that aren't present at the source and all items to be deleted at the source that aren't present at the destination

Use for:

This option enables you to specify which items are to be deleted:

- Files + Folders
- Files
- Folders

Profile Properties - Backup Options

Here you can specify various options for [Backup](#) copy mode.

- [Options](#)
- [Create backup folder at destination](#)
- [Generations of backups to be created](#)
- [Compress files](#)

Options

Don't back up unless at least one source file possesses the 'Archive' attribute

This option causes a backup to be made only if a file with the 'Archive' attribute is found in one of the source folders.

Create differential backup on the basis of complete backup

This option causes a comparison to be performed between the source folder and a complete backup in the destination folder. All files in the source folder which have changed or been added as compared to the complete backup are copied to the new backup folder. This option will not work properly unless the backup folder is empty.

The [placeholder for date and time](#) can be used specifying the path to the complete backup. Every placeholder has to be enclosed with the percent sign (#) so that it is correctly interpreted. Examples:

"C:\FullBackup\Week%ww%", "C:\FullBackup\%yyyy%%mm%"

Create hard links

This option causes [hard links](#) to be created of all the files of the complete backup in the backup folder that have not changed in the source folder. The advantage of this is that every copy operation enables you to obtain another complete backup of the source folder without having to recopy the same files of the full backup. Creating hard links is not possible unless the full backup and the backup folder are located in the same NTFS partition.

Copy log file to backup folder

This option causes the log of the copy operation to be copied to the backup folder.

Create backup folder at destination

This option causes a new backup folder to be created in the destination directory into which the files/folders are copied. You can also specify the sequence for creating a backup folder if you activate the [Create source folder in destination folder](#) folder option for the [source and destination folders](#).

Name of Backup Folder

The name of the backup folder is determined via the *Format expression* field. The following placeholders can be used in the name:

PLACEHOLDERS	DESCRIPTION
%P%	Profile name
%S%	Last folder name of source path
%KW%	German calendar week according to DIN 1355
Format characters	Date and Time
Environment variables	Windows variables

If you want to use normal text, it has to be inserted in double quotes so that it isn't incorrectly interpreted as a placeholder for date and time.

Formatting examples:

FORMAT	EXPRESSION	RESULT
	"%P%" (yy_mm_dd hh_nn_ss)	PROFILE NAME (01_12_24 16_10_08)
	{yy-mm-dd hh-nn-ss} "%P%"	{01-12-24 16-10-08} profile name
	"Backup of %p% on" yyyy-mm-dd "at" hh_nn_ss	Backup of PROFILE NAME on 2001-11-12 at 10_15_00
	"Backup" dddd	Backup Monday
	"Backup %KW%.week" dd.mm.yyyy	Backup 32.week 08.08.2005

Generations of backups to be created

This option enables the number of backups to be limited. You have the option of specifying the maximum number of backups or a period in days. When starting a copy operation, old backups to be deleted are determined via their create date.

Note: Make sure that the specified destination folder is only used for data backed up using this profile otherwise other data may be deleted.

When deleting old backups, transfer old items to the new backup

This option enables the entire file/folder contents to be transferred to the new backup folder when the old backup is deleted. The advantage of this is that not all items have to be recopied from the source folder to the new backup folder when doing a full backup. This option has no effect when backing up to a ZIP file.

Compress files

This option causes the files to be backed up into a single ZIP file. Maximum size of a ZIP file: 4 GB. Backing up empty folders into a ZIP file isn't possible.

File name:

The name of the ZIP folder is determined via the *Format expression* field. Note the remarks concerning *Name of Backup Folder* above.

Compression

This option enables you to specify the compression to be used for the files being backed up. The following settings are possible:

- None
- Fast
- Normal (default setting)
- Maximum

The higher the compression, the longer it takes for the ZIP file to be created. The *None* option causes items to be zipped without being compressed.

Compression method

The following settings are possible:

- Deflate ([info](#))
- Deflate64 ([info](#))
- BWT ([info](#))
- LZMA ([info](#))

Deflate is the default compression method of the general ZIP format supported by many other programs. In comparison to *Deflate*, *Deflate64* and *BWT* enable a higher degree of compression to be achieved, however they aren't supported by all programs.

File path

This option enables you to specify how the path of a file is stored in the ZIP file. The following options are available:

1. Save entire path (example: Data\Word\Info.doc)
2. Save path without source portion (example: Word\Info.doc)
3. Save file name only (example: Info.doc)

In the above examples, the source folder "C:\Data" is used and the file "C:\Data\Word\Info.doc" backed up.

Note: In the 3rd option *Save file name only*, paths have no effect in the filters for [folders](#) and [files](#).

Split ZIP file into more than one archive

This option enables you to specify that the ZIP file be automatically split into several archives with a specific file size.

Encrypt ZIP file

This option enables you to password-protect the ZIP file against unauthorized access. The following encryption methods are available:

- Standard Zip 2.0 ([info](#))
- AES 256-bit ([info](#))

Using the AES encryption method is advisable as it provides a much higher degree of security than conventional Zip 2.0 encryption.

Delete existing ZIP file

This option enables an existing ZIP file of the same name to be deleted prior to backup.

Save file permissions

This option causes the file permissions to be saved in the ZIP file.

Backup the files from all source folders into one single zip file

This option enables to compress the files of all source folders into one single zip file.

Use this folder for creating the temporary ZIP file

This option enables you to specify that a ZIP file is to first be created in a specific folder and then moved to the destination folder. This option has to be activated so that the items in existing ZIP files can be updated. The folder should be located on a local hard drive with sufficient free disk space for performance reasons.

If you don't use this option, the ZIP file is created directly in the destination folder. This may lead to substantial performance loss on network drives and error messages when using storage media like CDs or DVDs.

You can specify this option for all profiles in the general options (see Profile Properties – Options – General): [*Creating a Temporary ZIP File*](#)

Profile Properties - Folders

This profile property enables folders to be designated between which a copy operation is to be performed.

- [Folder List](#)
- [Variables](#)
- [Options](#)
- [Toolbar and Context Menu](#)

Folder List

The source and destination folders are administered in two facing folder lists. New folders can be added via the [toolbar](#) or from another program via [dragging & dropping](#). The folders can be deactivated for a copy operation as needed via their checkboxes. Only one destination folder can be activated in [Sync](#) copy mode.

Allocation of the Source and Destination Folders

If you activate more than one folder each source folder is processed with each destination folder during a copy operation:

- Source_folder1 with Destination_folder1
- Source_folder1 with Destination_folder2
- Source_folder2 with Destination_folder1
- Source_folder2 with Destination_folder2
- etc.

The [1:1 correspondence](#) option causes the copy operation between the source and destination folders to be performed as follows:

- Source_folder1 with Destination_folder1
- Source_folder2 with Destination_folder2
- etc.

Exclude Subfolders

This causes all the subfolders to be excluded from the copy operation.

Exclude 1st Level Files

This causes all the 1st level files of the source folder to be excluded from the copy operation.

User ID and Password

This enables the access particulars for password-protected network folders to be specified.

Variables

- You can use Windows [environment variables](#) in folder paths.
e.g. C:\%USERNAME%
- You can use placeholders for [date and time](#) in folder paths.
e.g. C:\%yyyy%\%mm%\%dd%
- You can use the variable %driveletter:drivename% to replace a drive letter (e.g. X:) when using external storage devices (e.g. USB drives) that are allocated a different drive letter every time they are connected to a computer. AllSync checks all drives present for a match with the drive name specified. When a match is detected the drive found is used. The drive name may contain the [wildcards](#) * and ?. You can specify any drive letter you like.
e.g. %X:Backup HD No.?\Backup
- You can use the variable %MDL:driveposition% to replace drive letters (e.g. X:). This variable is automatically replaced by the drive letter contained in the drive list under [Connect Drives](#) (Profile Properties) at the position indicated.
e.g. %MDL:1%\Backup

Options

1:1 correspondence of all source and destination folders

This option enables you to specify that only the source and destination folders on the other side are to be processed with one another.

Example when 3 source folders and 3 destination folders are activated:

- Source_folder1 with Destination_folder1
- Source_folder2 with Destination_folder2
- Source_folder3 with Destination_folder3

- o etc.

Create source folder in destination folder

This option enables the source folder to be automatically created in the destination folder.

The following options are available:



- o creating the last folder name in the source folder path
- o creating the entire source folder path
- o creating the entire source folder path including the drive letter or machine name

This option is automatically activated if

- o you activate more than one source folder in Sync copy mode.
- o the copy rule Delete files and folders at destination which are not present at source is activated.

Toolbar and Context Menu

	Select and Add Folder
	Add Folder Per Text Entry
	Process Folder
	Delete Folder
	Show Folder Properties
	Open Source Folder Using Windows Explorer
	Move Folder Up
	Move Folder Down
	Exchange All Source and Destination Folders

	Toggle Tiling (Horizontal/Vertical)
	Shows an overview of the correspondence of all source and destination folders along with the options.

The toolbar actions are also available in the folder list via the context menu.

Profile Properties - File Filters

File filters enable you to filter specific files during a copy operation, i.e. exclude them from the copy operation. The filtering methods *inclusive* and *exclusive* enable you to determine how filter texts are to be applied during a copy operation. In the copy modes [1:1 copy](#), [Update](#) and [User-defined](#), the filters only affect the contents of the [source folders](#).

This profile property isn't available unless [Expert Mode](#) is activated.

Inclusive

Only files matching an activated filter text are included in the copy operation. Example: If you specify the filter text "*.ini" only files with the ".ini" extension are processed during a copy operation. All other files are filtered (= excluded) from the copy operation.

Exclusive

All the files matching a filter text are excluded from the copy operation. Example: If you specify the filter text "*.ini", all files with the ".ini" extension are filtered, i.e. excluded from the copy operation.

Note: The filtering methods *inclusive* and *exclusive* don't have any effect on a copy operation unless at least one filter text has been activated in the filter list.

Filter List

The filter list contains all of the filter texts set up for files. Each filter text can be enabled or disabled via its checkbox.

The following buttons are available for the filter list:

- Add – Add one filter text per selected file
- Enter Text – Add one filter text per text entry
- Edit – Edit filter text
- Remove – Remove filter text
- Remove All - Causes all filter texts to be removed from the list

New files can be added to the filter list by [dragging and dropping](#) them using Windows Explorer.

Filter Texts

Comparisons using the filter text are always done using the file name. When a filter text contains a backslash (\) comparison is made with the entire path of the current file. Filters are not case-sensitive, meaning no distinction is made between uppercasing and lowercasing when performing comparisons.

The filter text may contain various [wildcards](#) and Windows [environment variables](#). Examples:

- *.txt
- temp.*
- *temp.txt
- temp??.*
- temp.00?
- %USERNAME%.txt
- *\Temp*.tmp
- C:\Temp*.ini
- C:\Temp\%Username%.*

Options

Ignore wildcards in filter text (treat like normal text)

This causes the characters of [wildcards](#) in a filter text to be treated as normal text.

Make filtering case-sensitive

This makes filtering distinguish between uppercasing and lowercasing when comparing file names.

Profile Properties - Folder Filters

Folder filters enable you to filter specific folders during a copy operation, i.e. exclude them from the copy operation. The filtering methods *inclusive* and *exclusive* enable you to determine how filter texts are to be applied during a copy operation. In the copy modes [1:1 copy](#), [Update](#) and [User-defined](#), the filters only affect the contents of the [source folders](#).

This profile property isn't available unless [Expert Mode](#) is activated.

Inclusive

Only folders matching an activated filter text are included during a copy operation. Example: If you specify the filter text "Test" only folders named 'Test' are searched during a copy operation. All other folders are filtered (= excluded) from the copy operation.

Exclusive

All the folders matching a filter text are excluded from the copy operation. Example: If you specify the filter text "Test", all folders named 'Test' and their subfolders are filtered, i.e. excluded from the copy operation.

Note: The filtering methods *inclusive* and *exclusive* don't have any effect on a copy operation unless at least one filter text has been activated in the filter list.

Filter List

The filter list contains all of the filter texts set up for folders. Each filter text can be enabled or disabled for a copy operation via its checkbox.

The following buttons are available for the filter list:

- Add – Add one filter text per selected folder
- Enter Text – Add one filter text per text entry
- Edit – Edit filter text
- Remove – Remove filter text
- Filter Wizard – Start Filter Wizard

- Remove All - Causes all filter texts to be removed from the list

New folders can be added to the filter list by [dragging and dropping](#) them using Windows Explorer.

Filter Texts

Comparisons using a filter text are always done using the folder name. When a filter text contains a backslash (\) comparison is made with the entire path of the current folder. Filters are not case-sensitive, meaning no distinction is made between uppercasing and lowercasing when performing comparisons.

The filter text may contain various [wildcards](#) and Windows [environment variables](#). Examples:

- Temp*
- Temp?
- *Temp?
- *Temp*
- %TEMP%
- *\Temp**
- *\Windows\Temp**
- C:\Windows\Temp*
- C:\Windows\%TEMP%*

Filter Wizard

The filter wizard causes all the source and/or destination folders to be shown, enabling you to mark them as filtered by right-clicking them. Clicking on the *Apply* button causes all folders to be marked as filtered and entered in the filter list.

Options

Display contents of filtered folders in report of copy preview

Activating this option causes the entire substructure of a filtered folder to be read and shown in the report of the copy preview.

Don't filter subfolders

This option doesn't have any effect unless you are using the *inclusive* filter method and filter the entire path. Then all subfolders are taken into consideration during a copy operation and aren't excluded.

Ignore wildcards in filter text (treat like normal text)

This causes the characters of wildcards in a filter text to be treated as normal text.

Make filtering case-sensitive

This makes filtering distinguish between uppercasing and lowercasing when comparing folder names.

Additionally apply filter to all destination folders not present at source

This option has no effect unless the copy rule Delete files and folders at destination which are not present at source is activated. This causes the filters to be additionally applied to all folders at the destination that are not present at the source, thus enabling them to be excluded from the delete operation.

Profile Properties - Property Filters

The following filter options enable folders and files to be excluded from a copy operation on the basis of their profile properties.

- [FILE Properties Filter](#)
- [FOLDER Properties Filter](#)

This profile property isn't available unless [Expert Mode](#) is activated.

Files

Age

This option enables you to exclude files that are older or more recent than the specified number of

- seconds
- minutes
- hours
- days
- weeks (7 days)
- months (30 days)
- quarters (90 days)
- years (365 days)

You can also specify whether the created or modified date of the files is to be checked.

Period

This option enables you to exclude files that were modified within or outside of a specific time period. You can also specify which date of the files is to be checked:

- Date Created
- Date Modified
- Date Last Accessed

Size

This option enables you to exclude files that are larger or smaller than a specified file size. The following size options are available:

- Bytes
- Kilobytes (KB)
- Megabytes (MB)
- Gigabytes (GB)

Attributes

This option enables you to exclude files according to the following attributes:

- Write-protected
- Hidden
- Archive
- System
- Symbolic link
- Temporary
- Compressed
- Offline
- Encrypted
- Sparse
- Index

You can also specify that all or at least some of the selected attributes have to be present.

Folders

Age

This option enables you to exclude folders that are older or more recent than the specified number of

- seconds
- minutes
- hours

- days
- weeks (7 days)
- months (30 days)
- quarters (90 days)
- years (365 days)

You can also specify which date of the folders is to be checked:

- Date Created
- Date Modified

Period

You can exclude folders that were created within or outside of a specific time period. You can also specify whether which date of the folders is to be checked:

- Date Created
- Date Modified
- Date Last Accessed

Attributes

This option enables you to exclude folders according to the following attributes:

- Write-protected
- Hidden
- Archive
- System
- Symbolic link
- Temporary
- Compressed
- Offline
- Encrypted

You can also specify that all or at least some of the selected attributes have to be present.

Profile Properties – Options – General

Show progress between source and destination folder as a percentage

This option causes the [progress](#) of a copy operation between a source and destination folder to be shown as a percentage. This requires that the entire number of files and folders of all [source and destination folders](#) be determined before the copy operation.

Don't show any actions in report window after a direct copy operation

Activating this option causes none of the actions performed to be shown in the report window after a direct copy operation (i.e. without a preceding copy preview). This enables the time and hard disk space required for a copy operation to be reduced.

Calculate folder statistics of source and destination after a copy operation

This option causes the following information on the [source and destination folders](#) to be outputted in the log subsequent to a copy operation:

- Size of all files
- Number of files
- Number of folders
- File system
- Name of data medium
- Type of data medium

The *Output errors in log when folder statistics are different* option causes an error to be outputted to the log file if there is a difference in the size or number of files and folders in the source and destination folders.

Calculate free disk space on the drives of the source and destination folders after copy operation

This option causes the free disk space remaining after a copy operation on the drives on which the source and destination folders are located to be determined and shown in the log.

Safely remove hardware after copy operation

This option enables all connected storage devices used via a source and destination folder to be safely removed.

Profile Properties - Profile Chaining

Profile chaining enables you to concatenate several [profiles](#) so that they are automatically consecutively run in a specific sequence.

This profile property isn't available unless [Expert Mode](#) is activated.

Profile

The name of the chained profile is shown here which is to be automatically run immediately after the current profile. The *Edit* button enables you to edit chained profiles. You can use the option *Don't start chained profile unless this profile has been successfully started* to prevent a chained profile from being run.

Start profile for which operation?

The following options enable you to specify the operation for which the chained profile is to be run:

- AllSync Copy Operation (CopyOp)
- AllSync Copy Preview (CopyPrev)
- [AllSync Scheduler](#) (Sch)
- [Command Line](#) (CL)

Editing Profile Chains

The profiles listed in the table can be concatenated by [dragging & dropping](#) them with the mouse.

To do this, left-click on a profile and keep the mouse button pressed followed by dragging the profile onto another profile and then releasing the mouse button.

The [context menu](#) of a profile enables you to delete a chain. The checkbox at the column 'A' enable you to deactivate the chained profile without deactivating the following profiles. The 4 checkboxes enable you to specify for which operation the chain is to be used.

Profile Properties - Data Protection

This option enables files and folders to be backed up that are to be deleted, moved or overwritten by a [copy operation](#).

Permanently delete items

This option causes the files and folders on the storage device to be deleted directly and storage space to be freed up.

Move items to Windows Recycle Bin

This option causes local folders and files to be backed up to the Windows Recycle Bin. Make sure that the Windows Recycle Bin hasn't been deactivated and that the Recycle Bin size is set to 100%.

Important:

Windows enables only files and folders located on the machine on which AllSync is installed to be moved to the Recycle Bin.

Move items to a backup folder

This option causes local folders and files including their entire folder structure to be backed up to a separate backup folder.

Backup folder

The standard path is `%SystemDrive%\AllSyncBackup\%P%`. Various [placeholders](#) can be used for the path.

Create subfolders in the backup folder

This option causes a new subfolder to be created in the backup folder every time the profile is run. This enables consecutive backups to be made of your data, in addition to enabling you to retrieve older versions as needed.

The standard format expression for the name of the subfolder is `yymmdd hhnnss`, thus ensuring consecutive backup every time the profile is run. Various [placeholders](#) can be used in the name of the subfolder.

Compress backed-up files into one ZIP file

This option causes all backed-up items to be compressed into a single ZIP file after the copy operation. The standard format expression for the name of the ZIP file is `yymmdd hhnnss`, thus ensuring consecutive backup every time the profile is run. Various [placeholders](#) can be used in the ZIP file name.

Generations of backups to be created

This option enables the number of backups to be limited. You have the option of specifying the maximum number of backups or a period in days. When starting a copy operation, old backups to be deleted are determined via their create date.

Note: Make sure that the specified destination folder is only used for data backed up using this profile otherwise other data may be deleted.

How are old backup generations determined?

- When the option *Create subfolders in backup folder* is activated, the backups to be deleted are determined on the basis of the created date of the subfolders when running the profile.
- When the option *Compress backed-up files into one ZIP file* is activated and the option *Create subfolders in backup folder* is **de**activated, the backups to be deleted are determined on the basis of the created date of the ZIP files in the backup folder when a profile is run.
- When the options *Compress backed-up files into one ZIP file* and *Create subfolders in backup folder* are both **de**activated, the backups are created in the backup folder and appended with a sequentially numbered file extension, .0001, .0002, etc.

Placeholders

The following placeholders can be used for the path of the backup folder and the names of subfolders or ZIP files:

PLACEHOLDER	DESCRIPTION
%P%	Profile name

PLACEHOLDER	DESCRIPTION
%KW%	German calendar week according to DIN 1355
Format characters	Date and Time
Environment variables	Windows variables

If you want to use normal text, it has to be inserted in double quotes so that it isn't incorrectly interpreted as a placeholder.

Formatting examples:

FORMAT	EXPRESSION	RESULT
%p%	(yy_mm_dd hh_nn_ss)	PROFILE NAME (01_12_24 16_10_08)
{yy-mm-dd hh-nn-ss}	%P%	{01-12-24 16-10-08} profile name
%SystemDrive%	\AllSyncBackup\%P%	C:\AllSyncBackup\Profilename

Examples:

Backup folder: %SystemDrive%\AllSyncBackup\%P%

Profile name: Test profile

File to be backed up: C:\Windows\Temp\Help.txt

- **Example 1:**
Subfolder: yy_mm_dd hh_nn_ss
ZIP file: -
After a copy operation the backed-up file is located in the following folder:
C:\AllSyncBackup\Testprofile\07_05_28 16_12_00\C\Windows\Temp\help.txt
- **Example 2:**
Subfolder: yy_mm_dd hh_nn_ss
ZIP file: %p%
After a copy operation the backed-up file is located in the following ZIP file:
C:\AllSyncBackup\Testprofile\07_05_28 16_12_00\Testprofile.zip
- **Example 3:**
Subfolder: -
ZIP file: yy_mm_dd hh_nn_ss

After a copy operation the backed-up file is located in the following ZIP file:

C:\AllSyncBackup\Testprofile\07_05_28 16_12_00.zip

- **Example 4:**

Subfolder: -

ZIP file: -

After 3 copy operations the following files are to be found in the backup folder:

C:\AllSyncBackup\Testprofile\C\Windows\Temp\Help.txt.0001

C:\AllSyncBackup\Testprofile\C\Windows\Temp\Help.txt.0002

C:\AllSyncBackup\Testprofile\C\Windows\Temp\Help.txt.0003

Options

What data is to be backed up?

- Data to be deleted
- Data to be overwritten
- Data to be moved
- Generations of backups

Profile Properties - Log

Log these actions during a copy operation

This option enables you to have the following actions logged during a copy operation:

- Delete operations
- Copy actions
- Filtered items
- Backed up items
- File conflicts
- Structure conflicts

You should bear in mind that, depending on the data volume involved, additionally logging actions of a copy operation extends the time required to run the profile.

Log all files copied during a copy operation to a daily log file

This option causes information files copied during a copy operation to be written to a daily log file. The log file is recreated every day with the format expression 'AllSyncYYMMDD.log' and is located in the *Logs* subfolder of the AllSync application folder. This log file is used for all profiles and provides information about AllSync's daily copy volume. The information is written to the log file in the following format:

date; time; profile name; source folder; destination folder; file name; file size in bytes;

Open log file for write access in Windows temp folder

This option causes the log file to be opened in the Windows TEMP folder for write access and to be moved to the profile folder after the copy operation.

Automatically remove entries from the profile log file when they are more than ... day(s) old

This option causes all entries to be removed from the log file upon starting a copy operation when they are older than the number of days specified by you. Also note the [time format](#) option.

Forward log file via email

Activating this option causes the log to be sent to the email address(es) specified by you. If there is more than one address, they have to be separated by a comma. No emails can be sent unless you make all the settings for the mail server in the [Options](#) section.

When the email is to be sent:

The following settings are possible:

- Always
- Only when an error occurs
- Only when changes occur
- Only when errors and changes occur
- Only when an error or a change occurs

Forward logged actions via email

Activating this option additionally causes the actions logged during the copy operation to be emailed. This option doesn't have any effect unless the [Log these actions during a copy operation](#) option is activated (Profile Properties – Options – Log).

Send email for:

- Copy Operations
- Process Copy Preview
- AllSync Scheduler
- AllSync Scheduler Service
- Command Line

Profile Properties - External

Here you can specify the run sequence of external options when starting and completing a profile:

- [Remote Access](#)
- [Connect Drives](#)
- [Programs](#)
- [VB Scripts](#)
- [Services](#)

This profile property isn't available unless [Expert Mode](#) is activated.

Profile Properties - Remote Access

This option enables you to establish a requisite remote link when starting a copy operation. The remote access connection is automatically shut down when the copy operation is completed. You can also specify a delay period after a link has been established before the copy operation is initiated. Be sure to enable the option [*Check the current source and destination folder for availability during an operation*](#).

This profile property isn't available unless [Expert Mode](#) is activated.

Buttons

Update

Updates the list containing the remote access entries.

New

Starts the Windows New Connection Wizard for creating a new connection. Update the list with the links after creating a new connection.

Properties

Shows the properties of the selected connection.

Delete

Deletes the selected connection.

Connect Objects

Establishes the selected connection.

Disconnect

Severs the selected connection.

Profile Properties - Services

This option enables you to start, stop or pause certain services upon starting or completing a profile.

This profile property isn't available unless [Expert Mode](#) is activated.

Table

Service

Name of the service.

Action

Shows the service action to be performed.

CopyOp

A plus sign means that the service action is performed during a *copy operation*.

CopyPrev

A plus sign means that the service action is performed during a *copy preview*.

CopyProc

A plus sign means that the service action is performed *while processing the copy preview*.

Sch

A plus sign means that the service action is performed when started via [AllSync Scheduler](#).

CL

A plus sign means that the service action is performed when started via the [command line](#).

Name

Internal Windows name of the service.

Buttons

Arrows

Enable you to change the processing sequence of the services.

New

Add new service

Edit

Edit selected service.

Delete

Delete selected service.

Profile Properties - Connect Drives

This option enables you to link letters to folders or enabled network shares before a [copy operation](#). The linked drive letter is automatically disconnected and released when the copy operation has completed. The [AUTO] option causes an unused drive letter to be automatically determined for the link. You can also additionally enter the user ID and password for password-protected network shares.

This profile property isn't available unless [Expert Mode](#) is activated.

Buttons

New

For adding a new linked drive.

Edit

For editing the selected linked drive.

Delete

For deleting the selected linked drive.

Connect Objects

For connecting the selected drive.

Disconnect

For disconnecting the selected drive.

Options

Abort profile if a drive can't be connected to

This option causes the profile to be terminated when a link can't be established to a drive.

Show passwords in clear text

This option causes passwords to be shown in clear text in the table.

Wait this number of seconds after the drives has been connected

AllSync will wait the specified delay period after all drives has been connected.

Profile Properties – Running External Programs

This profile property enables you to run a program (*.exe, *.com) or a batch file (*.bat, *.cmd) when starting and completing a profile. Consequently, you can shut down a database before creating a backup and restart it when finished. When starting the program the profile is halted until the program has completed. A return value (exit code) of -99 causes the profile to be aborted and no error message will be generated.

This profile property isn't available unless [Expert Mode](#) is activated.

Upon Profile Startup/Completion

The file path of the program to be started is shown in the box. Double quotes have to be inserted around the file name if parameters are included at the file name. Example: "C:\Start.exe" -a
Red highlighting indicates that the program couldn't be found.

The following buttons are available:

- *Open Folder icon*
- *Select* - Select new program
- *Remove* - Remove program
- *Test* - Start program

Start program for:

This option enables you to specify the operation during which the program is to be started. The following options are available:

- Copy Operation
- Copy Preview
- Process Copy Preview
- [Filter Wizard](#)
- [Command Line](#)

Window Focus

This option enables you to specify the window focus of the program that is started.

- Hidden
- Normal
- Minimized
- Maximized
- Normal (no focus)
- Minimized (no focus)

Options

Abort profile if the program can't be launched for starting the profile

This option causes the profile to be aborted when the program couldn't be started for running the profile or the return value (error level) of the program is not equal to 0.

Do not run program upon profile completion if errors occurred during copy operation

This option causes the program specified upon profile completion not to be run if errors occurred during the copy operation.

Continue profile when the program has not completed shutdown after this number of seconds:

This option enables you to specify that the profile is to be automatically continued after the specified number of seconds has elapsed, even if the external program has not yet completed shutdown. You can also specify that the program be automatically ended by AllSync.

Profile Properties - Running Visual Basic Scripts

This profile property enables you to run a Visual Basic script (.vbs) before and after running a profile.

This profile property isn't available unless [Expert Mode](#) is activated.

Upon Profile Startup/Completion

The file path of the specified VB script is shown in the box. Red highlighting indicates that the VB script couldn't be found by AllSync. The following buttons are available:

- *New* – Create new VB script
- *Select* – Select VB script
- *Edit* – Edit VB script
- *Remove* – Remove VB script
- *Test* – Test VB script

Run script for:

This option enables you to specify the operation during which the script is to be started. The following options are available:

- Copy Operation
- Copy Preview
- Process Copy Preview
- [Filter Wizard](#)
- [Command Line](#)

Requirements and Tips

- Visual Basic scripts can't be used with AllSync unless Microsoft Windows Scripting Host is installed on your computer. You can check this by running the sample script *Test.vbs*.
- The properties and methods of the WScript object have to be called without "WScript." Example:

Instead of *WScript.CreateObject* only *CreateObject* has to be used.

- Some properties and methods of the WScript object, e.g. *Sleep* or *Echo*, cannot be used in the script or possess limited functionality.
- The error value -99 causes the profile to be aborted and no error message will be generated. See sample script 'CheckDestinationDrive.vbs'. You also can use a variable with the name "ExitCode" and set the value to "-99".

You also have the option of directly starting your scripts that use the WScript object using the [External/Programs](#) profile property (e.g.: "wscript.exe" test.vbs) and thus circumvent any restrictions.

Placeholders

The following placeholders can be used inside the script:

PLACEHOLDER	DESCRIPTION
[SourceX]	[Source1] is replaced by the first source folder activated in the source folder list, [Source2] by the second one, etc.
[DestinationX]	[Destination1] is replaced by the first destination folder activated in the destination folder list, [Destination2] by the second one, etc.
[Profile]	Profile name
[ErrorCount]	Error count
[CopyToSource]	The amount of data in bytes to be copied from the destination to the source
[CopyToDestination]	The amount of data in bytes to be copied from the source to the destination

Options

Automatically abort script after:

This option enables you to specify that the script be automatically aborted after a certain number of

seconds. When activating the *Script may use GUI language elements (e.g. MsgBox)* option, a dialog containing a warning pops up when the time has elapsed. The user has to acknowledge the warning.

Script may use GUI language elements (e.g. MsgBox)

An error is generated when this option is **de**activated and GUI language elements have been used in the script, e.g. the *MsgBox* command. Deactivate this option when the profile is run automatically via [AllSync Scheduler](#) so that no dialog pops up and has to be acknowledged by the user.

Abort profile

This option causes the profile to be terminated if an error occurs in the script or the script cannot be run for launching the profile.

Sample Scripts

The sample scripts supplied with AllSync are located in the *Scripts* subdirectory of the [AllSync application folder](#). The sample scripts are continuously updated and adapted by us as needed. When making changes to the sample scripts, make sure to save them under a different name otherwise they will be overwritten and your changes lost the next time you update AllSync.

The following scripts are currently available:

Test.vbs

This script enables you to test the functionality of Microsoft Windows Scripting on your system and get an impression of the possibilities offered by Visual Basic Scripting.

Outlook.vbs

This script enables you to shut down Microsoft Outlook.

OutlookExpress.vbs

This script enables you to shut down Microsoft Outlook Express.

Run.vbs

This script enables you to run any program by inserting the *Prg* variable in the program path.

KillTask.vbs

This script enables you to end a task. Call Windows Task Manager to find out the requisite *task name*.

ScreensaverOff.vbs \ ScreensaverOn.vbs

These two scripts enable you to respectively deactivate and reactivate your screensaver.

CheckDestinationFolder.vbs

This script checking the first destination folder to see if it exists. The script returns the error code -99 if the folder is not accessible. In conjunction with the option "Abort profile ..." the profile will be aborted without any error message. The profile will be aborted and generate a error message if the script returns a other error code than -99.

CheckDestinationFolderWithMessageBox.vbs

This script checking the first destination folder to see if it exists. A info dialog pop up if the folder is not accessible. Now the user can retry the folder check or cancel the profile.

ExportRegistry.vbs

This script enables you to export a registry key to a file at the destination folder.

CloseApp.vbs

This script enables you to close other applications.

Useful Websites Providing Information on VB Scripts

- [Microsoft Windows Script](#)
- [Programming with VBScript](#)
- [VBScript User's Guide](#)
- [VBScript Forum](#)
- [VBScript Newsgroup](#)

Windows Environment Variables

Windows environment variables can be used in various path and file specifications in AllSync. To have all environment variables displayed, call *Tools – Environment Variables* in the AllSync menu bar or select *Show Variables* via the left menu of the Profile Properties.

Syntax:

%EnvironmentVariable%

Example:

The environment variable %USERNAME% is replaced with the user logged on. Example: The folder "C:\%USERNAME%" becomes "C:\Admin".

Profile Wizard

The Profile Wizard helps you in making various settings when creating new profiles. The following steps are performed using the wizard:

1. Specify the [copy mode](#)
2. Select the [folder template](#) for the source folder (optional)
3. Select the [source folder](#)
4. Select the [destination folder](#)
5. Exclude [folders](#) (optional)
6. Filter [files](#) (optional)
7. Select [options](#) (optional)

After all these steps have been completed, the wizard can be exited by clicking on the *Apply* button. The [profile properties](#) are then displayed, enabling additional settings to be made.

The Profile Wizard can be displayed in the following situations:

- The wizard is activated in the general [options](#) (Options – Profiles).
- When creating a new profile.
- When opening an existing profile without any source or destination folders.

Buttons

Cancel

Causes the Profile Wizard to be exited, any settings made to be discarded, and the profile properties to be displayed.

Back

Causes the previous page to be displayed.

Cont'd

Causes the next page to be displayed.

Apply

Causes the Profile Wizard to be exited, the settings made to be applied, and the profile properties to be displayed.

Create New Folder Button

This button enables you to create a new subfolder in the *Select source folder* and *Select destination folder* steps.

Help

Causes the help for the Profile Wizard to be displayed.

Copy Modes

The following [copy mode](#) templates are available:

- 1:1 Copy (Data Imaging)
- Update
- Synchronization
- Sync (Populate)
- Sync (Structure Conflict)
- Sync (File Conflict)
- Sync (Structure Conflict & File Conflict)
- Archiving
- Complete Backup
- Complete Backup into a ZIP File
- Incremental Partial Backup
- Incremental Partial Backup into a ZIP File
- Differential Partial Backup
- Differential Partial Backup into a ZIP File

Folder Templates

Here you can choose Windows system folders as templates for a [source folder](#).

Options

- Data Protection
- The option *Perform a continuous check during the copy operation to see whether source + destination folders are still accessible* causes the folder option *Check source and destinations folder for availability* to be activated.
- The option *Exclude these system items from copying*: causes the files and folders listed to be entered in the filter list for folders and filters.

Options

You can adapt AllSync to your requirements via the following options:

- [General](#)
- [Security](#)
- [Sounds](#)
- [Copy Operations](#)
- [Copy Preview](#)
- [Layout](#)
- [Profiles](#)
- [Profile List](#)
- [Log Pane](#)
- [Logs](#)
- [Report Window](#)
- [Report Colors](#)
- [Date/Time Format](#)
- [Zip](#)
- [Email](#)

Options - General

Location of Application Data

This enables you to specify the folder in which AllSync's application data is to be stored.

The following options are available to you:

- **Use this folder for all users:**

This option causes the application data of all users under Windows to be stored in the folder specified by you.

- **Use the Application Data system folder of the user currently logged in:**

This causes the application data to be automatically stored in the Application Data system folder accessible by the user currently logged in.

The following application data is saved at the location specified by you:

- **Logs**

All log files (*.log) are stored in this folder.

- **Profiles**

All [profiles](#) (*.pas), profile logs (*.log) and [profile icons](#) (*.ico) are stored in this folder.

- **Tasks**

All [tasks](#) (*.task) and their log files (*.txt) are stored in this folder.

- **Screenshots**

All screenshots of the profile properties are stored in this folder.

- **AllSync.ini**

All settings and [options](#) are stored in this file.

- **template.pas**

The [profile template](#) is stored in this file.

- **QuickSync.pas, Quicksync.log**

The settings and log of [QuickSync](#) are stored in these files.

The following application data is stored in the folder "C:\Documents and Settings\All Users\Application Data\AllSync\":

- **Icons**

The icons (*.ico) of the [Shortcut Manager](#) are stored in this folder.

- **Scripts**

All [Visual Basic scripts](#) (*.vbs) are stored in this folder.

Updates

This option causes AllSync's [Internet Update](#) to be started at specified intervals and a check to automatically be conducted for a new version of AllSync on the AllSync website.

Options – Security

This enables you to password-protect certain parts of AllSync:

- AllSync
- AllSync [Options](#)
- AllSync [Internet Update](#)
- [AllSync Scheduler](#)
- AllSync Scheduler [Options](#)
- AllSync Scheduler [Add/Edit Task](#)
- [AllSync Service Tool](#)
- [Profile Properties](#)

Options - Sounds

Here you can specify a sound for the following events:

- When starting an operation
- When an operation completes
- Error message
- When changing profiles

Options - Copy Operation

Start copy operation without confirmation

This causes a copy operation to be initiated without any confirmation.

Don't calculate size of source and destination folders when copy operation is aborted

When activated, this option causes the size of source and destination folders not to be computed when the copy operation is aborted.

Terminate copy operation upon reaching this number of errors:

This option causes the copy operation to be terminated when a specific number of errors is exceeded.

Create copy preview of all profiles after copy operation

This option causes a copy preview to be created of all profiles after the copy operation.

Open all subfolders after copy operation

This option causes all the subfolders at the source and destination to be opened after the copy operation.

Options - Copy Preview

Options

Start copy preview without confirmation

This causes a copy preview to be generated without any confirmation.

Only open folders containing actions after copy preview

After a copy preview this causes all folders to be opened in which at least one file or folder action is to be performed.

Only open folders containing actions (without any filtering) after copy preview

After a copy preview this causes all folders to be opened containing at least one file and folder action and no filter action.

Only open folders containing copy actions after copy preview

After a copy preview this causes all folders to be opened containing at least one copy action.

Double-click on a folder to change the action

This option enables double-clicking on a folder to change its action.

Automatically Remove Items from Report















Remove Identical Files and Folders without Any Actions

This option causes all files and folders featuring the following [icons](#) (source and destination) in the [report](#) to be removed after a copy preview:

- +
- +
- +





Remove Files + Folders Without Any Actions Or Non-present

This option causes all files and folders featuring the following icons (source and destination) in the report to be removed after a copy preview:

-  + 
-  + 
-  + 
-  + 
-  + 
-  + 
-  + 

Remove Filtered Files And Folders

This option causes all files and folders featuring the following icons (source and destination) in the report to be removed after a copy preview:

-  + 
-  + 
- +
- +
- +
- +
- +
- +

Remove Filtered Files And Folders Without Any Delete Actions

This option causes all files and folders featuring the following icons (source and destination) in the report to be removed after a copy preview:

- +
- +
- +
- +
- +
- +

Remove All Profiles Without Any Entries Below Source and Destination

This option causes all profiles to be removed from the report that don't have any entries below the source and destination.

File Comparison

The following options provide for the *Compare* feature during a copy preview. This feature can be accessed via the [context menu](#) of a file.

External program for comparing the contents of two files:

This option enables you to specify an external file comparison utility to be used to call the source and destination files. The source and destination files to be compared by the utility have to be specified via the wildcards %1 and %2. Example: C:\Windiff.exe %1 %2

Compare these file types using Microsoft Word:

This option enables you to specify various file extensions that can then be called using the compare function of Microsoft Word. Each of the file extensions has to be separated by a comma. Example:
doc,docx,rtf

Options - Layout

Options

Save window position and size on exit

This option causes the window position of AllSync to be saved upon exiting and restored the next time AllSync is started.

Display AllSync as icon on taskbar when minimized

This option causes the minimized window to be displayed only as an icon on the taskbar next to the time. The icon can be optionally animated during a copy operation.

Show ToolTip on main toolbar

This option causes a tool tip to be shown for the toolbar buttons.

Lock and hide these GUI objects:

This option enables you to hide the following objects in the user interface and lock them:

- [Menu Bar](#)
- [Toolbar](#)
- [Profile List](#)
- [Log Pane](#)

Options - Profiles

Use profile template when creating new profiles

This causes the settings of the [profile template](#) to be automatically used when creating a new profile.

Show Profile Wizard when creating new profiles

This causes the [Profile Wizard](#) to be popped up when creating a [new profile](#).

Show only Folder menu item in Profile Properties

Activating this option causes only the Folder menu item to be displayed when opening the profile properties.

Set the application priority to 'low' when starting a profile

Activate this option if your system is overburdened while executing a profile and other applications take too long to respond to user input. AllSync's application priority is set back to 'normal' when completing the profile.

Reduce hard disk accesses per second

This option enables you to reduce the number of hard disk accesses per second so that other applications do not become sluggish. The pause is specified in milliseconds and takes place when reading the source and destination data after each file/folder found.

Options - Profile List

No confirmation when deleting profiles or folders

Activating this option deactivates the confirm prompt when deleting profiles and folders.

Save profile activation status on exiting AllSync

This causes the activation status of the [profiles](#) and folders of the profile list to be saved and restored the next time AllSync is started.

Show Copy Mode column

This causes the [Copy Mode](#) column to be shown in the [profile list](#).

Show Last Run column

This causes the *Last Run* column to be shown in the [profile list](#).

Font

Here you can specify the font for the [profile list](#).

Options - Log Pane

Wrap lines in log pane

This causes lines extending beyond the right edge of your screen to be wrapped.

Font

Here you can specify the font for the [log pane](#).

Options - Logs

Delete error log file before every copy operation

This causes the general error log file to be deleted before every copy operation.

Delete profile log file before every copy operation

This causes the profile log file to be deleted before every copy operation.

Delete entries from the general log file when they are more than ... day(s) old

This option causes entries to be automatically removed from the log file after a specified number of days.

Also note the [time format](#) option.

Open log files using the AllSync text editor

This causes all log files to be opened in AllSync's internal text editor. When you deactivate this option, the log files are opened with the application associated with the file extensions ".txt" or ".log". Log files over 10 MB in size are automatically opened by the associated application.

Options - Report Window

Open info statistics in report upon completing copy operation

Activating this option causes the *Info* report entry to be automatically opened after an operation.

Show error messages in dialog window after operation when errors have occurred

This option causes a dialog to be popped up after an operation when errors have occurred.

Tile report window horizontally

This option causes the report window to be split horizontally so that the two [report window panes](#) are not displayed side by side but on top of one another.

Which columns are to be shown in the report?

The following [columns](#) can be shown in the report:

- Date Modified
- Date Created
- Date Last Accessed
- File Size
- Attributes

Horizontal Spacing

Here you can specify the horizontal spacing of the [report entries](#).

Font

Here you can specify the font for the [report window](#).

Options - Report Colors

Here you can specify the font and color rendering of all [actions](#) in the [report window](#).

Options - Date/Time Format

These options enable you to specify the format used to render the date and time in AllSync. You can use the Windows System Settings or specify your own formats using various [placeholders](#).

Is the time format compatible with the options for deleting log entries?

When activating the option [Delete entries from the log file](#), you always have to respond with YES to this question otherwise ***all*** log entries will be deleted.

Options - Zip

This option enables you to specify that a temporary ZIP file is to first be created in a folder and then moved to the destination folder.

Create temporary ZIP file for which of these operations?

Here you can specify when the temporary ZIP file is to be created:

- [Backup](#) copy mode
- Profile properties / [data protection](#)
- Copy option [*Store source file as compressed ZIP file at destination*](#)

Important Information:

- The folder should be located on a local hard drive with sufficient free disk space.
- If you don't use this option, the ZIP file is created directly in the destination folder. This may lead to substantial performance loss on network drives and error messages when using storage media like CDs or DVDs.
- This option has to be activated so that the items in an existing ZIP file can be updated.

Options - Email

Note: These email options are identical with the settings at the [Scheduler options](#).

Mail Server

An SMTP server address has to be entered in order for an email to be sent. Entering a POP3 server is not required unless the POP3 login option has been selected. Entering a user name and password is only necessary when using a POP3 login and SMTP login. The timeout setting enables you to specify the maximum amount of time to elapse until the mail server responds. Sending the email is aborted when this time period is exceeded. The mail server must support the official [POP3](#) and [SMTP](#) protocols.

Email Account

Email

The email address used to send the logs.

Name:

Name of sender, e.g. "AllSync Profile Info"

Subject:

Subject of the email. The following placeholders can be used:

- %1 for the profile name
- %2 for the text "[ERROR]", shown in the subject only when an error has occurred. The text appears at the end of the subject when no placeholder is specified.

Backing Up AllSync's Application Data

Application Data

The following application data can be backed up by AllSync:

- [Options](#)
- Log files
- [Profiles](#)
- [AllSync Scheduler tasks](#)
- [VB scripts](#)
- [Icons](#)

Export

Backup Folder

This enables you to specify the folder in which the backup of AllSync's application data is to be stored.

Backup File

This enables you to specify the name of the backup file. You can use various [placeholders](#) for the date and time. If you want to use normal text, it has to be inserted in double quotes so that it isn't incorrectly interpreted as a placeholder.

Example: *"AllSyncBackup" yy_mm_dd hh_mm_ss*

Import

Backup File

Select the backup file to be imported.

AllSync Internet Update

AllSync's Update Wizard enables you to check whether a new version of AllSync is available for download and to install it, if necessary.

Version

Clicking on the *Check* button causes a check to be conducted to see whether a new version is available.

Download

Clicking on *Start* causes the new version to be downloaded and installed.

Log

Information and errors are displayed here. In addition, all logging information is written to *InternetUpdate.log*, located in AllSync's *Logs* subdirectory.

Options

Check for new version when starting program

This option causes a check to automatically be conducted for a new version of AllSync on the AllSync website every time AllSync is started.

Show Setup dialog when installing an update

Not activating this option cause updating to take place in the background, without any dialog being popped up.

Use proxy server:

Here you can specify that your proxy server be used.

Note on Data Privacy

When checking for a new version, only a text file containing information is downloaded from our website and evaluated. No private data on your computer is transmitted via the Internet.

Command Line

AllSync can be called via various parameters and thus be integrated in other programs, processes and workflows.

- [Syntax](#)
- [Command-Line Parameters](#)
- [Options](#)
- [Profiles](#)
- [Profile Folders](#)
- [Examples](#)

Tip: You can access most commands and options with mouse-click ease via the [Shortcut Manager](#).

Syntax

AllSync.exe -command -option "profile" "profile_folder"

Note: the commands and options are case-sensitive, meaning a distinction is made between uppercase and lowercase letters when making entries.

Command-Line Parameters

-k "profile"

AllSync is started and a copy operation performed for all the profiles specified.

-r "profile"

AllSync is started and a copy preview created for all the profiles specified.

-ra "profile"

AllSync is started and a copy preview created for all the profiles specified. This is followed by the copy preview being automatically processed.

-h "profile"

Starts a copy operation using the profiles specified, this being done in the background without AllSync's GUI. Only the progress indicator is displayed during the copy operation. AllSync automatically shuts down afterwards.

-Q[1-5] folder1 folder2

This command enables you to pass two folders to [QuickSync](#) and a copy preview to be generated. The -Q command has to include a number from 1 to 5 for a [copy mode](#):

1. [1:1 copy](#)
2. [Update](#)
3. [User-defined](#)
4. [Sync](#)
5. [Populate](#)
6. [Backup](#)

-S

Starts [AllSync Scheduler](#).

-ST

Starts [AllSync Service Tool](#).

-l:"licensee","license key"

This command enables the license key to be inputted without having a dialog popped up.

-LIC

This command enables the dialog for license data to be popped up again.

-ServiceUninstall

Use this command to uninstall AllSync Scheduler.

-InstallService

Use this command to install AllSync Scheduler.

Options

-S

This causes a confirmation dialog to be popped up before the copy operation for the -h, -x or -xe parameter.

-e

This causes a confirmation dialog to be popped up after the copy operation for the -h, -x or -xe parameter.

-np

This causes [profile chaining](#) to be deactivated.

-a

This causes [AllSync Scheduler](#) (-S) to be automatically activated upon starting AllSync.

-m

This causes AllSync to be started in a minimized window.

-X[0-7]

This enables you to specify which action is to be performed for commands -k, -ra and -h when a copy operation has completed:

0. Shut down computer
1. Shut down Windows
2. Restart Windows
3. Log off user
4. Standby
5. Hibernate
6. Exit AllSync
7. Lock computer

-XE[0-7]

This option causes the same thing to be performed as -X, however the selected action is performed only if no errors occurred during the copy operation.

-Xf

Forces the following actions of the options -X and -XE and terminate all blocking applications:

0. Shut down computer
1. Shut down Windows
2. Restart Windows
3. Log off user

-rh

This option causes all connected storage devices used via a source and destination folder to be safely removed after a copy operation. This option causes the general profile property [*Safely remove hardware after copy operation*](#) to be automatically deactivated.

-ServiceLogon[0-1]

Logon account for the *-InstallService* command.

0 = Local system account

1 = User account

-ServiceStart[0-2]

Startup mode for the *-InstallService* command.

0 = Automatic

1 = Manual

2 = Deactivated

-ServiceUser="{user account}"

Name of the user account for the *-ServiceLogon1* option.

-ServicePW="{password}"

Password of the user account for the *-ServiceLogon1* option.

Profiles

You should bear the following in mind when specifying profiles:

- The profiles have to be located in AllSync's [*Profiles folder*](#).
- The profile name has to be given in double quotes.

- The file extension of a profile (.pas) doesn't have to be specified.
- You don't need to specify the path of AllSync's *Profiles* folder.

Example using a profile named 'Favorites':

- "Favorites.pas"
- "Favorites"
- "Private\Favorites"
- "C:\AllSync\Profile\Private\Favorites.pas"

Profile Folders

You should bear the following in mind when specifying profile folders:

- The profile folder has to be located in AllSync's [profile folder](#).
- The profile folder name has to be given in double quotes.
- You don't need to specify the path of AllSync's *Profiles* folder.
- The profile folder has to be specified using a backslash (\) or backslash and asterisk (*). A backslash causes all the profiles in this folder to be read. A backslash with an asterisk additionally causes all the profiles in all subfolders to be read.

Example using a folder named 'Work':

- "Work\"
- "Backup*"
- "Backup\Work\"
- "C:\AllSync\Profiles\Backup\Work\"

Examples

- AllSync.exe -S
Starts [AllSync Scheduler](#).

- AllSync.exe -S -a
Starts [AllSync Scheduler](#) and automatically activates it.
- AllSync.exe -k "Demo" "Backup" "Favorites"
Starts a copy operation using the profiles 'Demo', 'Backup' and 'Favorites'.
- AllSync.exe -k "C:\AllSync\Profiles\Work*"
Starts a copy operation using all the profiles located in the Work folder and its subfolders.
- AllSync.exe -r "Backup" "\Internet\Favorites"
Generates a copy preview using the profiles 'Backup' and 'Favorites'.
- AllSync.exe -r "BackupPro\"
Generates a copy preview using all the profiles of the BackupPro folder.
- AllSync.exe -h "Demo"
Starts a copy operation using the profile 'Demo' in the background without the AllSync GUI.
- AllSync.exe -h -s "Backup" "Favorites"
Starts a copy operation using the profiles 'Backup' and 'Favorites' and displays a confirmation window before the copy operation.
- AllSync.exe -h -s -e "Demo"
Starts a copy operation using the profile 'Demo' and displays a confirmation window after the copy operation.
- AllSync.exe -Q4 "C:\Data" "D:\Data"
Generates a copy preview between the two folders using the [Sync](#) copy mode.
- AllSync.exe -l:"Licensee","License key"
AllSync is enabled using this license key.
- AllSync.exe -InstallService
Installs AllSync Scheduler as a service using the local system account and *automatic* startup

mode.

- AllSync.exe -InstallService -ServiceLogon1 -ServiceStart0 -ServiceUser="Admin"
-ServicePW="TopSecret"

Installs AllSync Scheduler as a service using a user account and *automatic* startup mode.

QuickSync

QuickSync enables you to generate a copy preview between two folders without having to set up a new [profile](#). QuickSync can also be integrated in other programs via the [command-line command](#) -Q.

Copy Mode

Select the requisite [copy mode](#) here.

Source and Destination Folders

The [source and destination folders](#) can be specified as follows:

- By entering text
- By selecting the folder via the '...' (browse) button.
- By [dragging & dropping](#) them from another program

Buttons

Copy Preview

This causes the copy preview to be generated.

Properties

This enables the profile settings of QuickSync to be displayed and edited.

Save As...

This enables the profile settings of QuickSync to be saved as a new profile.

Help

Causes this help to be displayed.

Language

AllSync's user interface offers two dialogue languages: English and German. The dialogue language can be changed in the File [menu](#).

- German
- English
- Dutch

Shortcut Manager

AllSync's Shortcut Manager enables you to conveniently create shortcuts of your [profiles](#) on your desktop and in other locations.

How to Create a Shortcut

1. Enter a name for the shortcut.
2. Select what sort of shortcut is to be created.
3. Select a location where the shortcut is to be saved.
4. Option: Select an icon for the shortcut.
5. Option: Select a [run mode](#).
6. Option: Activate the requisite [options](#).

You can now create your shortcut by clicking on the *Create* button. The *Clipboard* button enables you to copy the [command-line command](#) of your shortcut to the Windows Clipboard.

Icons

All the icons in the list are located in the *Icons* subdirectory of the [AllSync application folder](#). The *Add* button enables you to add your own icons to the list.

AllSync Scheduler

AllSync Scheduler enables you to automatically run your [profiles](#) by scheduling them or having them triggered by an event. The settings for the automatic starting of one or more profiles are combined into a [task](#). A task can be automatically started on the basis of the following [startup modes](#):

Scheduling/Timed Running

- Once
- Daily
- Weekly
- Monthly
- Interval

Event Triggering

- When starting Windows
- When shutting Windows down
- When connecting to a folder or drive
- When data in a folder changes

User Interface (GUI)

1. [Toolbar](#)
2. [Task List](#)
3. Log Pane

4. Status Bar

Important Information and Tips

- AllSync Scheduler has to be **started** and **activated** so that activated tasks can be automatically started. You can have AllSync Scheduler be automatically started and activated when starting Windows by checking this option in the *General* section of AllSync Scheduler's [Options](#).
- The [AllSync Service Tool](#) enables you to also install AllSync Scheduler as a service.
- Shutdown of the Windows session by the user or the system is aborted when AllSync Scheduler is still in the process of running a task. The current task is aborted and AllSync Scheduler exited.

Task List

Task

Shows the name of the task. The task can be deactivated via the checkbox. The following icons indicate the task status:

Task has been started and is running

Task has been paused

The task has completed without any errors

Some errors occurred when last running the task

Startup Mode

Shows the [startup mode](#).

Start Time

Shows the [start time](#).

End Time

Shows the [end time](#).

Interval

Shows the [interval](#), if present.

Tolerance

Shows the [tolerance time](#).

Next Start

Shows the next time at which an activated task will be run.

Last Run

Shows the time at which the task was last run.

Profiles









Shows the names of all the activated [profiles](#) of a task.

The following actions are available via the [context menu](#) of a task:

- Edit
- Rename
- Copy
- Delete
- Log

Toolbar

	Activates AllSync Scheduler; tasks are started as scheduled by you. (Keyboard shortcut: F2)
	Deactivates AllSync Scheduler; tasks are no longer started. (Keyboard shortcut: F3)
	For switching between the task list and the progress indicator during a copy operation. (Keyboard shortcut: F4)
	For adding a new task . (Keyboard shortcut: F5)
	For editing a task. (Keyboard shortcut: F6)
	Enables the log of the task to be shown when run last.

	Enables the task to be manually started or continued.
	Enables a task to be paused (temporarily discontinued).
	Enables a task to be stopped/canceled.
	Shows the AllSync Scheduler options .
	Optimize Column Width
	Shows AllSync Scheduler's log file.
	Starts AllSync .
	Starts AllSync Service Tool .
	Displays this manual.
	Shows program information.
	Shuts down AllSync Scheduler

AllSync Scheduler Tasks

A task is comprised of all the settings required for automatically running one or more profiles. The settings can be accessed via the *Edit* button.

- [Schedule – Startup Mode](#)
- [Schedule – Properties](#)
- [Profiles](#)
- [Options](#)
- [Run Period](#)
- [Email](#)

Schedule – Startup Mode

Once

The task is run once at a specified date and time.

Interval

The task is run daily at regular intervals starting at the time specified and continuing until a specified end time.

Daily

The task is run every day at a specified time.

Weekly

The task is run at a specified time on various days of the week.

Monthly

The task is run at a specified time on various days of the month.

When starting Windows

This startup mode causes the task to be started when the user logs on to Windows. Don't forget to activate the general AllSync Scheduler option [Automatically start and activate AllSync Scheduler when](#)

starting Windows. You can suspend starting the task by keeping the *CTRL* key pressed when starting AllSync Scheduler.

Notes pertaining to AllSync Scheduler Service:

When using AllSync Scheduler Service the task is started when starting Windows. No user logon to Windows is required. Use the Tolerance option to specify the maximum start time of your Windows system. The task is not started unless AllSync Scheduler Service is started within the specified tolerance period.

When exiting Windows

This startup mode enables a task to be started when performing the following actions:

1. Log off user
2. Restart / shut down Windows
3. Standby / hibernate

At the scheduler options you can define what rules will be performed for every action.

Notes:

- This startup mode has no effect when AllSync Scheduler is started as a service.
- The actions "*Standby / hibernate*" are only available at Windows XP or Server 2003. Windows Vista or higher don't support canceling this actions.
- You can suspend starting the task by keeping the *CTRL* key pressed when shutting the Windows session down.
- When running a task a dialog window is displayed by Windows; it can normally be ignored. When encountering problems with the Windows dialog, use the AllSync Scheduler startup mode option Increase waiting time until displaying the Windows shutdown dialog.

Link

This startup mode causes a check to be conducted to determine whether a link has been **newly** established to the specified data source and whether the task has been successfully started. The data source is detected *anew* if it wasn't yet present during the previous check.

Monitoring

This startup mode causes a check to be conducted of the data source for changes and the task to be started when the specified number of changes has been reached. Checks can be conducted for the

following changes:

1. Renaming, creation and deletion of files
2. Renaming, creation and deletion of folders
3. Attributes of files and folders
4. File size
5. File modified date
6. Access permissions of files and folders

Monitoring for changes can be optionally activated for all subfolders of a data source. Monitoring can also be stopped when starting a task and then resumed after the task completes.

The *Interval* property enables you to specify that a pause of a minimum length is to be adhered to upon the conclusion of a task until the task can be restarted.

Note:

In order for a data source to be monitored in the network, the user of AllSync Scheduler must be a member of the Backup Operators group. See Computer Management – System Tools – Local Users and Groups – Groups – Backup Operators – Add to Group.

Schedule – Properties

Start Time

Time at which the task is started.

End Time

This time specifies the end of the interval. When you specify an end time of 00:00:00, the interval automatically ends at 12 midnight.

Date

Date on which the task is started (once).

Interval

This entry enables the interval for the startup modes *Interval* and *Monitoring* to be specified.

Tolerance

This enables you to specify a timeframe within which a task can still be run if the task couldn't be started at the specified start time. This is necessary, for example, when another task is to run at the start time.

Data source

This entry enables you to specify a drive or folder for the startup modes *Link* and *Monitoring*.

Days of the Week (Weekly)

The days of the week (Monday to Sunday) are entered here for the *weekly* option.

Days of the Week (Monthly)

With the *Monthly* option, the task can also be started on the first, second, third, fourth or last Monday to Sunday of the month.

Months

The various months of the year (January to December) are entered here for the *monthly* option.

Calendar Week

The various calendar weeks from 1 to 53 are entered here for the *weekly* option.

Calendar Days

The various days of the month from 1 to 31 and 'Last day' are entered here for the *monthly* option.

When exiting Windows

The task can be started in connection with the following actions:

- Log off user
- Restart / shut down Windows
- Standby / hibernate

Profiles

Here you can specify the profiles used to start the task. The profiles can be individually deactivated by unchecking the checkboxes. The arrow buttons can be used to change the sequence in which the profiles

are started. The *Don't use profile chaining* option enables you to deactivate [profile chaining](#) for all profiles.

Options

Upon Task Startup

Do not start task unless this folder is accessible

This option prevents a task from being run unless the specified folder is accessible when the task is started.

Start task immediately when last performed more than X days ago

This option causes a task to be started immediately upon activating AllSync Scheduler if the last time the task was started precedes a specified number of days ago.

Automatically remove entries from log file when they are more than ... day(s) old

This option causes the log file to be checked every time the task is started and all entries to be removed when they are older than the number of days specified here.

User must confirm task start

This option shows up a message box before the task will be started.

Wait this number of seconds before starting the profiles

This option enables you to specify a delay period before the copy operation of the profiles will be started.

Change the window state of the scheduler

This enables you to specify the window state of the scheduler when the task will be started.

While Task Running

Don't show File Conflict dialog

This option causes the [File Conflict dialog](#) not to be displayed.

Upon Task Completion

Show info message after the task has completed

This option shows up a message box after the task has completed. AllSync uses the system command [MSG](#) (ex: Windows Vista/7) and the system command [NET SEND](#) (ex: Windows XP).

Note: Apparently Windows Home editions do not have the msg.exe command installed. It does work on

Windows Business, Enterprise or Ultimate editions.

Upon completing processing of task

This enables you to specify which action is to be performed when the processing of a task has completed:

- Shut down computer
- Shut down Windows
- Restart Windows
- Log off user
- Standby
- Hibernate
- Shut down AllSync Scheduler
- Lock computer

Change the window state of the scheduler

This enables you to specify the window state of the scheduler when the processing of a task has completed.

Log task state at the windows event viewer

This option enables you to log the task state at the windows event viewer after task completion. An event with the ID 100 will be created if there were no errors during the task run; otherwise the ID 101 will be used. See Windows event viewer -> Windows Logs -> Application.

Run Period

This option enables the period to be specified during which the task may be started. The settings of this option take precedence over AllSync Scheduler's general option [Run Period](#). Any tasks still running outside of the run period can be automatically terminated.

Email

Don't send log to the email addresses indicated in AllSync Scheduler's options

This option enables you to suspend sending the email to the email addresses in AllSync Scheduler's general [options](#).

Send log to these addresses

This option causes the log of all the profiles run of a task to be sent to the specified email address(es). If there is more than one address, they have to be separated by a comma. No emails can be sent unless you make all the settings for the mail server in the *Email* section of AllSync Scheduler's [options](#).

When the email is to be sent:

The following settings are possible:

- Always
- Only when an error occurs
- Only when changes occur
- Only when errors and changes occur
- Only when an error or a change occurs

Email logged actions of a profile

Activating this option causes the actions logged during the copy operation to be emailed. This option doesn't have any effect unless the [Log these actions during a copy operation](#) option is activated (Profile Properties – Options – Log).

Forward log of each individual profile via email

When this option is activated, the log of each individual profile is forwarded via email.

AllSync Scheduler Options

- [General](#)
- [Layout](#)
- [Log Pane](#)
- [Run Period](#)
- [Startup Mode](#)
- [Email](#)
- [Email Options](#)

General

Automatically start and activate AllSync Scheduler when starting Windows

This causes [AllSync Scheduler](#) to be automatically started and activated when Windows is started.

Confirm when shutting down AllSync Scheduler

This option causes a prompt to be shown when shutting down AllSync Scheduler. This prompt is not shown when AllSync Scheduler Service has been started or no task is activated.

Set the application priority to 'low' when starting a task

Activate this option if your system is overburdened while performing a [task](#) and other applications are taking too long to respond to user input.

Display progress indicator when starting a task

This option causes the task list to be automatically hidden when starting a task, and the progress indicator to be displayed.

Automatically remove entries from log file when they are more than ... day(s) old

This option causes the log file of AllSync Scheduler (scheduler.log) to be checked every time a task is started and all entries to be removed when they are older than the number of days specified here.

Restore AllSync Scheduler window if an error occurs

This option causes the AllSync Scheduler dialog to be restored and shown in the foreground when errors

have occurred during a copy operation.

Reduce hard disk accesses per second

This option enables you to reduce the number of hard disk accesses per second so that other applications do not become sluggish. The pause is specified in milliseconds and takes place when reading the source and destination data after each file/folder found.

Timer Interval

This option enables you to change the interval how often the scheduler check if a task have to be started. The standard value of 950 ms allows a task start time to the second. Example: With a value of 10000 ms the scheduler checks every 10 seconds if a task have to be started. A higher interval value also reduce the CPU usages of the scheduler.

Layout

Save window position and size on exit

This option causes the window position of [AllSync Scheduler](#) to be saved upon exiting and restored the next time AllSync Scheduler is started.

Display as icon on taskbar when minimized

This option causes the minimized window of AllSync Scheduler to be displayed only as an icon on the taskbar next to the time. You can also specify that the icon be animated during a copy operation.

Show ToolTip on toolbar

This option causes a tool tip to be shown for the toolbar buttons.

Log Pane

Font

Here you can specify the font for the log pane.

Wrap lines in log pane

This causes lines extending beyond the right edge of your screen to be wrapped.

Maximum number of lines in log pane

This option enables you to specify the maximum number of lines in the log pane and thus minimize memory consumption.

Run Period

This option enables the period to be specified during which all [tasks](#) may be started. Any tasks still running outside of the run period can be optionally automatically terminated.

Startup Mode

This option only affects [tasks](#) with the [Shut down Windows](#) startup mode.

Rule for action "Log off user"

You can specify one of the following rules:

- Don't cancel the action and run the tasks
- Cancel the action, run the tasks and log off the user

Rule for action "Restart / shut down Windows"

You can specify one of the following rules:

- Don't cancel the action and run the tasks
- Cancel the action, run the tasks and shut down Windows
- Cancel the action, run the tasks and restart Windows

Rule for action "Standby / Hibernate"

You can specify one of the following rules:

- Cancel the action, run the tasks and start Standby
- Cancel the action, run the tasks and start Hibernate

Show task log upon startup when an error occurred during shutdown

This option causes the log of the last task to be displayed upon starting [AllSync Scheduler](#) for which an

error occurred.

Increase waiting time until the Windows shutdown dialog is displayed

This option enables you to extend the waiting time until the Windows shut down dialog is displayed.

Activating this option causes the following registry entries to be changed:

- HKCU \ Control Panel \ Desktop \ [HungAppTimeout](#) = 500000
- HKCU \ Control Panel \ Desktop \ [WaitToKillAppTimeout](#) = 500000
- HKCU \ Control Panel \ Desktop \ [AutoEndTasks](#) = 0

Deactivating this option changes the registry entries to the default values:

- HKCU \ Control Panel \ Desktop \ HungAppTimeout = 5000
- HKCU \ Control Panel \ Desktop \ WaitToKillAppTimeout = 20000
- HKCU \ Control Panel \ Desktop \ AutoEndTasks = 0

Note: The computer must be restarted, for the changes to take effect.

Email

This option enables you to email the AllSync Scheduler log.

Note: These email options are identical to the email settings in [AllSync's Options](#).

Mail Server

An SMTP server address has to be entered in order for an email to be sent. Entering a POP3 server is not required unless the POP3 login option has been selected. Entering a user name and password is only necessary when using a POP3 login and SMTP login. The timeout setting enables you to specify the maximum amount of time to elapse until the mail server responds. Sending the email is aborted when this time period is exceeded. The mail server must support the official [POP3](#) and [SMTP](#) protocols.

Email Account

Email:

The email address used to send the logs.

Name:

Name of sender, e.g. "AllSync Scheduler Info"

Subject:

Subject of the email. The following placeholders can be used:

- %1 for the task name
- %2 for the text "[ERROR]", shown in the subject only when an error has occurred. The text appears at the end of the subject when no placeholder is specified.
- %3 for the text "[OK]", shown in the subject only no error has occurred. The text doesn't appear at the subject when no placeholder is specified.

Email Options

Send log of each task to the following email address(es)

This option causes the log to be automatically sent to the specified email address(es) after a task has completed.

Send bug report to the following email address(es)

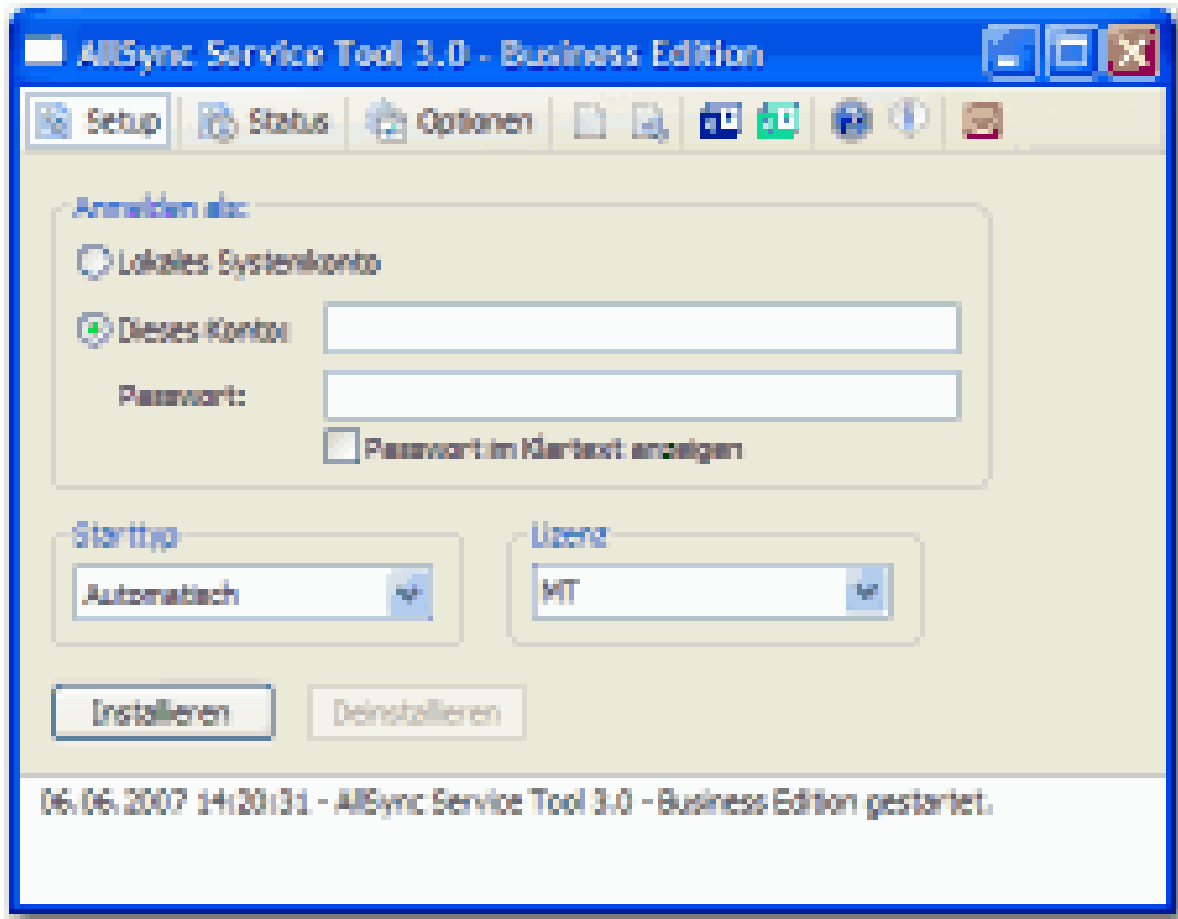
Activating this option causes a bug report to be automatically sent to the address(es) entered.

Send an email to these addresses if a task couldn't be started:

This option causes a message to be sent to the specified email address(es) when a task couldn't be started at its specified start time and within the specified tolerance.

Info: If there is more than one address, they have to be separated by a comma.

AllSync Service Tool



AllSync Service Tool enables you to install [AllSync Scheduler](#) as a Windows service. The advantage of this is [tasks](#) can be run according to schedule when no user is logged in to the system.

- [Important Info & Tips](#)
- [Setup](#)
- [Status](#)
- [Options](#)

Important Information and Tips:

- AllSync Service Tool and [AllSync Scheduler](#) needn't be started in order for the service to run the specified tasks.
- The service can't be started as long as [AllSync Scheduler](#) is activated.
- If you get error 1069 when starting the service, refer to [here](#) (Microsoft website).
- The service can't access drive letters with linked network shares unless the user of the user account used to install the AllSync Scheduler service via AllSync Service Tool is logged in to the system. Otherwise use the direct UNC path to the network shares.
- Changes to the [task list](#) or [AllSync Scheduler options](#) are automatically taken over from the service every 5 seconds.
- The user account must enable access to the specified [storage location](#) of the AllSync application data.
- When uninstalling the service it may be internally flagged by Windows as "uninstalled", meaning it can't be directly uninstalled by the system. In this case, simply reboot your computer so that the service is completely uninstalled.

Setup

You have the option of registering the AllSync Scheduler service under the local Windows system account

or using a user account.

Local system account

The local Windows system account has no access to network resources and can consequently only be used for local copy tasks.

User account

The service has to be installed using the user account enabling access to the network shares used in the profiles. The following entries have to be made: name of the user account and the password. In a domain the name of the domain has to be additionally entered before the user account. Example: "Test domain\user account"

Make sure that the user account indicated by you is assigned the *Log on as a service* right so that the service can be started. This right is normally automatically assigned when installing the service and can also be assigned manually as needed.

- Control Panel -> Administrative Tools -> Local Security Policy -> Local Policies -> User Rights Assignment

Startup Mode

- *Automatic* - The service is automatically started when booting the computer.
- *Manual* - The service has to be started manually by the user.
- *Deactivated* - The service is deactivated.

License

This enables you to specify which AllSync license is to be used for the service. This setting may be needed on a multi-user system featuring several installed AllSync licenses.

Status

This tab shows you whether the service is installed and which task is currently being run by the service. The log pane below the buttons shows current information pertaining to processing by the service.

Buttons

- *Start Service* - Click on this button to start the service.
- *Stop Service* - Click on this button to stop the service.
- *Stop Task* - This button enables a running task to be aborted.

Options

Communication

The communication port enables information and commands to be exchanged between AllSync Service Tool and the AllSync Scheduler service. This setting doesn't need to be changed unless the standard port 62324 is used by another application. When changing the port AllSync Service Tool and the service have to be restarted.

Layout

Save window position and size on exit

This option causes the window position of AllSync Service Tool to be saved upon exiting and restored the next time AllSync Service Tool is started.

Display AllSync Service Tool as icon on taskbar when minimized

This option causes the minimized window of AllSync Service Tool to be displayed only as an icon on the taskbar next to the time.

Log

Wrap lines in log pane

This causes lines extending beyond the right edge of your screen to be wrapped.

Maximum number of lines in log pane

This option enables you to specify the maximum number of lines in the log pane on the Status tab and thus minimize memory consumption.

Automatically remove entries from log file when they are more than ... day(s) old

This option causes the log file of AllSync Service Tool (service.log) to be checked every time a task is started and all entries to be removed when they are older than the number of days specified here.

Synching/Backup

Instructions

- [Synchronization of 2 Folders](#)
- [Data Imaging](#)
- [Data Archiving](#)
- [Consecutive Complete Backups](#)
- [Consecutive Partial \(Incremental\) Backups](#)
- [Consecutive Partial \(Differential\) Backups](#)
- [Consecutive Partial \(Incremental\) Backup with Hard Links](#)
- [Copying an Individual File](#)
- [Backup onto a CD or DVD](#)
- [Data Imaging on an FTP Server](#)
- [Verify if the content of two folders is equal](#)
- [How to trigger a copy run when connecting a USB stick](#)
- [Securely delete files from a source folder](#)

Synchronization of 2 Folders

The following instructions explain which settings are needed in the [Profile Properties](#) for synching two folders.

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [Sync](#) copy mode.

3. Source and destination folders

In the left menu select [Folders](#). Add the source and destination folders to the two [folder lists](#).

4. Synchronization conflicts

In the left menu below [Copy Modes](#), click on [Sync Conflicts](#). Activate the [File Conflict](#) option so that AllSync recognizes when the same file at the source and destination has changed since the last sync operation. Activate the [Structure Conflict](#) option so that AllSync recognizes when files and folders have been deleted, moved or renamed since the last sync operation.

5. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Data Imaging

The following instructions explain which settings are needed in the [Profile Properties](#) for data imaging.

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [1:1 copy](#) copy mode.

3. Source and destination folders

In the left menu select [Folders](#). In the left [folder list](#) add the folder containing the data to be imaged. In the right folder list add the destination folder.

4. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Data Archiving

The following instructions explain which settings are needed in the [Profile Properties](#) for data archiving.

Terms & Concepts

This data archiving method causes all files older than a certain date to be moved to a consecutive backup folder.

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [Backup](#) copy mode.

3. Copy rules

In the left menu below [Copy Modes](#), click on [Copy Rules](#). Enable the option [Move source files to destination folder](#).

4. Backup options

In the left menu below [Copy Modes](#), select [Backup Options](#). Activate the option [Create backup folder at destination](#).

5. Source and destination folders

In the left menu select [Folders](#). In the left [folder list](#) add the folder containing the data to be archived. In the right folder list add the destination folder.

6. Filters

Activate Expert Mode, and in the left menu below *Filters* click on [Properties](#). Under FILE Properties Filter, click on the [Age](#) filter option. Select [newer than](#). Select a [unit of time](#) and enter a number in the text box.

7. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Consecutive Complete Backup

The following instructions explain which settings are needed in the [Profile Properties](#) for a consecutive [complete backup](#).

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [Backup](#) copy mode.

3. Backup options

In the left menu below [Copy Modes](#), select [Backup Options](#). Activate the option [Create backup folder at destination](#).

Option:

The option [Generations of backups to be created](#) enables you to additionally specify the total number of consecutive backups.

Option:

The option [Compress files](#) enables the files to be backed up into a single ZIP file.

4. File options

Activate *Expert Mode*, and in the left menu below [Copy Modes](#) click on [File Options](#).

Option:

Activate the option [Modify attributes of source file](#) and the suboption [Archive – Delete](#). This option needn't be activated unless you additionally want to make a [partial backup](#) of your data.

5. Source and destination folders

In the left menu select [Folders](#). In the left [folder list](#) add the folder containing the data to be backed up. In the right folder list add the destination folder in which the consecutive backup folder is to be created.

6. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Consecutive Partial (Incremental) Backup

The following instructions explain which settings are needed in the [Profile Properties](#) for an [incremental](#) partial backup.

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [Backup](#) copy mode.

3. Copy rules

Activate the copy rule [Copy only files with the 'Archive' attribute](#) and '*Filter files without 'Archive' attribute*'.

4. File options

Activate *Expert Mode*, and in the left menu below [Copy Modes](#) click on [File Options](#). Activate the option [Modify attributes of source file](#) and the suboption [Archive – Delete](#).

5. Backup options

In the left menu below [Copy Modes](#), select [Backup Options](#). Activate the option [Create backup folder at destination](#).

Option:

The option [Generations of backups to be created](#) enables you to additionally specify the total number of consecutive backups.

Option:

The option [Compress files](#) causes the files to be backed up into a single ZIP file.

6. Source and destination folders

In the left menu select [Folders](#). In the left [folder list](#) enter the folder containing the data to be backed up. In the right folder list add the destination folder in which the consecutive backup folder is to be created.

7. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Consecutive Partial (Differential) Backup

The following instructions explain which settings are needed in the [Profile Properties](#) for a [differential](#) partial backup.

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [Backup](#) copy mode.

3. Copy rules

Activate the copy rule [Copy only files with the 'Archive' attribute](#).

4. Backup options

In the left menu below [Copy Modes](#), select [Backup Options](#). Activate the option [Create backup folder at destination](#).

Option:

The option [Generations of backups to be created](#) enables you to additionally specify the total number of consecutive backups.

Option:

The option [Compress files](#) causes the files to be backed up into a single ZIP file.

5. Source and destination folders

In the left menu select [Folders](#). In the left [folder list](#) add the folder containing the data to be backed up. In the right folder list add the destination folder in which the consecutive backup folder is to be created.

6. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Important Note

You have to delete the archive attribute of all source files before starting the first differential backup.

Consecutive Partial (Incremental) Backup with Hardlinks

The following instructions explain which settings are needed in the [Profile Properties](#) for an [incremental](#) partial backup with hardlinks.

Backup Plan

Files to backup: C:\Data

Full backup: C:\FullBackup

Partial backup with hardlinks: C:\PartialBackup

- Monday: Full backup
- Tuesday: 1. partial backup with hardlinks
- Wednesday: 2. partial backup with hardlinks
- Thursday: 3. partial backup with hardlinks
- Friday: 4. partial backup with hardlinks

A total of 2 profiles are required. The 1 profile creates the full backup. The 2. profile creates the partial backup and the hardlinks from the files of the full backup.

Profile Properties: Full Backup

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [Backup](#) copy mode.

3. File options

Activate *Expert Mode*, and in the left menu below [Copy Modes](#) click on [File Options](#). Activate the option [Modify attributes of source file](#) and the suboption [Archive – Delete](#).

4. Source and destination folders

In the left menu select [Folders](#). In the left [folder list](#) add the folder containing the data to be backed up (C:\Data). In the right folder list add the destination folder in which the full backup is to be created (C:\FullBackup).

5. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Profile Properties: Partial Backup

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [Backup](#) copy mode.

3. Copy rules

Activate the copy rule [Copy only files with the 'Archive' attribute](#). Deactivate the sub-option [Filter files without 'Archive' attribute](#).

4. Folder options

Activate *Expert Mode*, and in the left menu below [Copy Modes](#) click on [Folder Options](#). Activate the option [Don't create any empty folders in source or destination folder](#).

5. Backup options

In the left menu below [Copy Modes](#), select [Backup Options](#).

- Activate the option [Create differential backup on the basis of complete backup](#). Enter the folder of the full backup at the text box 'Complete Backup' (C:\FullBackup).
- Activate the option [Create hardlinks](#).
- Activate the option [Create backup folder at destination](#).

- Activate the option *Generations of backups to be created* and set the generations to 4 (from tuesday to friday).

6. Source and destination folders

In the left menu select Folders. In the left folder list enter the folder containing the data to be backed up (C:\Data). In the right folder list add the destination folder in which the partial backup folder is to be created (C:\PartialBackup).

7. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Copying an Individual File

The following instructions explain which settings are needed in the [Profile Properties](#) for copying a single file.

1. Profile properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [Update](#) copy mode.

3. Specifying the source and destination folders

In the left menu select [Folders](#). In the left [folder list](#) add the folder containing the file to be copied. In the right folder list add the destination folder.

Additionally activate the option [Filter out all subfolders from source folder](#).

4. Specifying the file filter

Activate *Expert Mode*, and in the left menu below *Filters* click on [Files](#). Select the [Inclusive](#) filter type. Select the file to be copied via the *Add* button.

5. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now you can create a copy preview of the profile and examine the results of the settings you have made.

Backup onto CDs or DVDs

Note the following tips when backing up onto a CD or DVD:

1. Packet writing software

When backing up onto a CD or DVD you need additional packet writing software like [InCD](#).

2. Initializing the storage medium

Before making a backup the storage medium first has to be formatted using the packet writing software. Formatting can also be done automatically via a command-line command before every copy operation using [cdrtools](#) (freeware). To do this, create a batch file using the requisite command and run it via the [Programs](#) profile property (Profile Properties – External – Programs).

Example of the contents of a batch file: C:\cdrtools\cdrecord.exe dev=0,0,0 blank=fast

3. Backup into a ZIP file

When backing up into a ZIP file, the option for using a [*temporary folder*](#) has to be enabled.

Data Imaging on an FTP Server

The following instructions explain which settings and prerequisites are needed for data imaging on an FTP server.

1. FTP software

For data imaging on an FTP server an additional software tool like [NetDrive Client](#) needs to be installed. This software enables you to link a folder on the FTP server to a drive letter. The instructions below are in reference to [NetDrive](#).

2. Configuring the FTP software

Start [NetDrive](#) and create a new *site*. In the list click on the new *site* and enter all the requisite FTP data in the right menu. For the drive letter, enter Z:.

3. Profile properties

Open the [profile properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

4. Copy mode

Select [User-defined](#) copy mode.

5. Copy rules

In the left menu below [Copy Modes](#), click on [Copy Rules](#).

- Under [Rules for Deleting Files and Folders](#), activate the option [Delete items at destination which are not present at source](#).
- Under [Rules for Overwriting Files](#), activate the following Main Rule: [Overwrite file if the size of both files is different](#).

Note:

Comparisons using the modified date of a file are not possible when imaging via FTP. When copying onto

an FTP server, the files automatically receive the current date of the FTP server. The modified date cannot be changed afterwards as the FTP file system doesn't support this.

6. Source and destination folders

In the left menu click on [Folders](#). In the left [folder list](#) add the folder containing the data to be imaged. In the right folder list add the drive letter Z:.

7. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*. Now change to [NetDrive](#) and link the FTP folder to the drive letter. Create a copy preview of your profile and examine the results of the settings you have made.

Verify if the content of two folders is equal

The following instructions explain which settings are needed in the [Profile Properties](#) to compare the content of two folders. This enables to make sure the content of these two folders is completely the same.

1. Profile Properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy Mode

Select [User-defined](#) copy mode.

3. Copy rules

In the left menu below [Copy Modes](#), click on [Copy Rules](#). Enable the option *Delete items at destination which are not present at source* at [Rules for Deleting Files and Folders](#). Enable the option *Overwrite file if the contents of both files are different* at [Rules for Overwriting Files](#).

4. Source and destination folders

In the left menu select [Folders](#). In the left and right [folder list](#) add the folder containing the data to be compared.

5. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*.

6. Verify the folders

Now create a copy preview of the profile. At the toolbar above the copy preview press the button *"Remove Identical Files and Folders Without Any Actions"*. Now the report will give you an overview about all files and folders that are not identical.

How to trigger a copy run when connecting a USB stick

The following instructions explain which settings are needed in the [Profile Properties](#) to start a profile when connecting a usb stick.

1. AllSync Product Edition

The AllSync [Professional](#) or [Business](#) Edition is necessary.

2. USB Stick

Connect the external USB stick with your computer. Please make sure that the USB stick gets the same drive letter assigned everytime you connect the stick to the computer: [Info](#)

3. AllSync Scheduler

Start the AllSync [Scheduler](#) und create a new [task](#).

4. Task Startup Mode

At the task window select the startup mode [Link](#). Now select the drive letter of the connected USB stick at the option *Data source*.

5. Profile

In the left menu select [Profiles](#) and choose the profile(s) to be run with this task.

6. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*.

7. Test you settings

Now remove the USB stick from your computer and activate the scheduler. After the scheduler is activated connect the USB stick again and the task will run the specified profiles.

Securely delete files from a source folder

The following instructions explain which settings are needed in the [Profile Properties](#) to securely delete files from a source folder.

Info

This instruction enables you to securely delete files from a source folder that are older than a specified age.

1. Profile Properties

Open the [Profile Properties](#) of a profile, or create a [new profile](#). If the [Profile Wizard](#) opens, exit it by clicking on *Cancel*.

2. Copy mode

Select [User-defined](#) copy mode.

3. File options

Activate *Expert Mode*, and in the left menu below [Copy Modes](#) click on [File Options](#). Activate the option [Copy Method D](#) and enter the following command into the text box:

```
"C:\Program Files (x86)\Sysinternals\sdelete.exe" -p "%1"
```

You can download the freeware [SDelete](#) at the Microsoft website.

4. Source and destination folders

In the left menu select [Folders](#). In the left [folder list](#) enter the folder containing the files to be deleted. In the right folder list add a empty destination folder.

5. Filter

In the left menu below *Filters* click on [Properties](#). Activate the filter option [Age](#) for files and select the option *Newer than*.

6. Saving your settings

You have now completed all the requisite settings. Conclude by clicking on *OK*.

7. Test your settings

Now you can create a copy preview of the profile and examine the results of the settings you have made. All source files with the action "*Copy to the destination*" shown at the copy preview will be deleted when you run a copy operation.

Data Backup Methods

- [Complete Backup A](#)
- [Complete Backup B](#)
- [Incremental Partial Backup](#)
- [Differential Partial Backup](#)
- [What You Should Do to Ensure Protection of Your Data](#)
- [Backup Strategy](#)

Complete Backup A

This complete backup method always causes all data items to be copied to a new backup folder. See [Consecutive Complete Backups](#).

Advantages

- Direct availability of backed-up data in a contingency situation.
- Easy and quick restoration of backed-up data.

Disadvantages

- Requires a lot of time and storage space as compared to partial backups.

Complete Backup B

This complete backup method causes only modified and new data items to be copied to the same backup folder. See [Data Imaging](#).

Advantages

- Direct availability of backed-up data in a contingency situation.
- Easy and quick restoration of backed-up data.
- Doesn't require much time as compared to complete backup A.

Disadvantages

- Requires a lot of storage space as compared to partial backups.

Incremental Partial Backup

This causes only modified and new data items since the last *partial* backup to be copied to a new backup folder. See [*Consecutive Partial \(Incremental\) Backups*](#).

Advantages

- Requires little time and storage space.

Disadvantages

- Restoration of the backup rendered difficult and time-consuming as the complete backup and all partial backups are required.

Differential Partial Backup

This always causes all modified and new data items since the last *complete* backup to be copied to a new backup folder. See [*Consecutive Partial \(Differential\) Backups*](#).

Advantages

- Restoration of the backup is easier and quicker as compared to an incremental partial backup as only the complete backup and the last partial backup are required.

Disadvantages

- Requires a lot of time and storage space as compared to incremental partial backups.

What You Should Do to Ensure Protection of Your Data

- Complete backups onto storage media that are changed constantly afford you the best possible protection against data loss.
- Use at least two different storage media devices for your backups.
- Avoid making more than one backup in sequence on the same storage medium. Otherwise loss of the storage medium device will cause you to lose data covering an extended period of time.
- Complete backups of corporate data should be made as often as possible and the storage media stored at a secure location (e.g. bank vault) in order to protect against unforeseen events like theft or burglary.
- Protect your storage media against unauthorized access using encryption software. One option for this purpose: [TrueCrypt](#).

Backup Strategy

From Monday to Thursday make a differential partial backup or complete backup onto a separate storage medium. For the complete backup on Friday use two storage devices, making sure to store one of them (E or F) at a secure location.

Weekly Backup

- Monday: data backup on storage medium A
- Tuesday: data backup on storage medium B
- Wednesday: data backup on storage medium C
- Thursday: data backup on storage medium D
- Friday: complete backup on storage medium E or F

Always back up more than one generation of your data onto each storage medium so that you can access older data assets in a contingency situation. If, for example, you store 4 generations of your data backups on each storage device, you can always access the data covering the last 4 weeks.

FAQs

General Questions

- [How can i access my files on my android phone with AllSync?](#)
- [Can I use AllSync to synchronize the content of databases \(e.g. Outlook\) and other files?](#)
- [Does AllSync support tape drives and DAT streamers?](#)
- [Can I use AllSync to copy data items to an FTP server?](#)
- [When synching two computers does the same operating system have to be installed both of them?](#)
- [Can I use AllSync to back up my data onto CDs and DVDs?](#)

Installation and Getting Started

- [Which computer does AllSync have to be installed on if I want to sync the data between two computers?](#)
- [Why does a *SmartSound QuickTracks Plug-in* installation dialog appear when starting AllSync?](#)

Copy Operations

- [Why are files that haven't changed always transferred?](#)
- [How can I have a copy operation automatically run when starting Windows?](#)
- [How can I have the USB device automatically deactivated after running a copy operation?](#)
- [How can I use a USB device with changing drive letters?](#)

Copying Files

- [How can I copy open files using AllSync?](#)
- [How does AllSync know which file – source or destination – needs to be copied?](#)
- [Why may the source and destination files still show a difference of a few seconds after a copy operation?](#)
- [Can I use AllSync to copy files with Unicode characters in their names?](#)
- [How can I boost the copying speed in data transfer over network links?](#)

Synchronization

- [Does AllSync recognize when the same file on two computers has been edited since the last sync operation?](#)

Network

- [What link is required between two computers so I can sync data using AllSync?](#)
- [What ports and protocols are used when transferring data to another computer?](#)

AllSync Scheduler

- [Why aren't my tasks being started at the scheduled time?](#)

AllSync Scheduler Service

- [Why can't AllSync Scheduler access linked drive letters?](#)
- [Why can't AllSync Scheduler access drive letters mapped by WebDrive?](#)

General Questions

How can i access my files on my android phone with AllSync?

Google dropped the support for USBMS (USB Mass Storage device) since Android 4. Now your phone will be connected as an MTP device instead and Windows does not see MTP devices as a mass storage devices. However you can install a WebDAV server on your phone to share the data from the storage partition on your phone at your home network. On your Windows PC you can access the files from your phone by using the phone's IP Address or link a drive letter to it.

Can I use AllSync to synchronize the records of two databases (e.g. Outlook)?

No, this isn't possible.

Does AllSync support tape drives and DAT streamers?

No. Backup onto tape drives isn't possible unless the vendor provides a driver enabling the drive to be

accessed via a drive letter.

Can I use AllSync to copy data items to an FTP server?

Yes. For this you need an additional software tool like [NetDrive](#).

When synching two computers does the same operating system have to be installed both of them?

No, this isn't necessary.

Can I use AllSync to back up my data onto CDs and DVDs?

Yes. For this you need packet writing software like [InCD](#). Instructions: [Backup on CD/DVD](#).

Installation and Getting Started

Which computer does AllSync have to be installed on if I want to sync the data between two computers?

AllSync has to be installed on only one of the computers. We recommend installing AllSync on the more powerful of the two computers.

Why does a *SmartSound QuickTracks Plug-in* installation dialog appear when starting AllSync?

This problem is caused by the incorrect installation/uninstallation of another software product. A solution to this problem is offered by the vendor: [SmartSound](#).

Copy Operations

Why are files that haven't changed always transferred?

See question [Why may the source and destination files still show a difference of a few seconds after a copy operation?](#)

How can I have a copy operation automatically run when starting Windows?

You can create a [shortcut](#) of your profile in the Windows Startup folder or have the profile started by [AllSync Scheduler](#) when starting Windows.

How can I have the USB device automatically deactivated after running a copy operation?

In the profile properties, enable the option [*Safely remove hardware after copy operation*](#).

How can I use a USB device with changing drive letters?

Use the folder variable [%driveletter:drivename%](#) when specifying the source or destination folder.

Copying Files

How can I copy open files using AllSync?

Activate the [Windows Volume Shadow Copy Service \(VSS\)](#) copy option to copy open files.

How does AllSync know which file – source or destination – needs to be copied?

AllSync uses the last modified date, which is automatically updated by Windows as soon as a change has been made to the file.

Why may the source and destination files still show a difference of a few seconds after a copy operation?

This is caused by differing [treatment](#) by Microsoft Windows of the NTFS and FAT file systems. You can remedy this problem by activating the [Treat files with a modified time differential of](#) option in the Profile Properties (Copy Rules).

Can I use AllSync to copy files with Unicode characters in their names?

Yes. For more information, refer to [Unicode](#).

How can I boost the copying speed in data transfer over network links?

Use [copy method C](#) in this case (cf. Profile Properties).

Synchronization

Does AllSync recognize when the same file on two computers has been edited since the last sync operation?

Yes, this is enabled via the [File Conflict](#) option.

Network

What link is required between two computers so I can sync data using AllSync?

The computers have to be linked via a network and read and write access has to be enabled for the data.

What ports and protocols are used when transferring data to another computer?

AllSync uses standard Windows protocols and ports (TCP 139 / UDP 137-138) for data traffic in Windows networks. For more information, see [Windows Ports and Protocols](#).

AllSync Scheduler

Why aren't my tasks being started at the scheduled time?

[Tasks](#) can't be automatically run unless [AllSync Scheduler](#) is started **and** activated.

AllSync Scheduler Service

Why can't AllSync Scheduler access linked drive letters?

Windows doesn't enable access to linked drive letters unless the user is logged in to the system and the service has been installed under the user's account. In this case, use a direct UNC path in lieu of a drive link.

Why can't AllSync Scheduler access drive letters mapped by WebDrive?

In the options of WebDrive, enable access by Windows services to mapped drive letters.

Software Recommendations

Here is a list of software tools and utilities which will help you enhance your productivity when working with AllSync.

- [7-Zip](#)
- [Attribute Changer](#)
- [AutoIt](#)
- [Delay](#)
- [DevEject](#)
- [ExamDiff](#), [WinDiff](#), [FCU](#)
- [File Recovery](#), [Recuva](#), [Wise Data Recovery](#)
- [Handle](#)
- [HashCheck](#), [HashMyFiles](#)
- [Link Shell Extension](#)
- [Novell NetDrive](#), [WebDrive](#), [Bdrive NetDrive](#)
- [NoWindow](#)
- [Foxit PDF Reader](#)
- [Psexec](#)
- [Psservice](#)
- [Psshutdown](#)
- [RemoveDrive](#)
- [SendEmail](#)
- [SetACL](#)
- [Setx](#)
- [TrueCrypt](#), [VeraCrypt](#)
- [UltraVNC](#)
- [USB Agent](#)

7-Zip

[7-Zip](#) (freeware) enables you to process and unpack ZIP files.

Attribute Changer

[Attribute Changer](#) (freeware) enables you to change various file properties: attributes, date, time, NTFS compression, etc.

Autolt

[Autolt](#) is an automation tool designed for automating the Windows GUI. It enables you to simulate keystrokes, mouse movements and window commands (maximize, minimize, etc.).

Delay

[Delay](#) is a substitute for the DOS command 'Pause', extending it with a timeout function.

DevEject

[DevEject](#) (freeware) enables you to register USB devices under Windows via the command line.

ExamDiff, WinDiff, FCU

[ExamDiff](#), [WinDiff](#) and [FCU](#) (freeware) enable you to compare the contents of two files and view their differences. You can integrate these tools in AllSync via the [File Comparison](#) option and use them in a copy preview.

File Recovery

[Recuva](#), [Wise Data Recovery](#) or [File Recovery](#) enables you to restore deleted files on your hard disks.

Handle

Use [Handle](#) (freeware) to list all open files and their respective application.

HashCheck, HashMyFiles

The Freeware [HashCheck](#) and [HashMyFiles](#) enables you to calculate file checksums.

Link Shell Extension

The freeware [Link Shell Extension](#) enables you to create and determine Hardlinks, Junctions, Volume Mountpoints and Symbolic Links at the Windows Explorer.

Novell NetDrive, WebDrive, Bdrive NetDrive

[Novell NetDrive](#), [WebDrive](#) or [Bdrive NetDrive](#) enable you to link to the contents of an FTP server using a drive letter.

NoWindow

[NoWindow](#) (freeware) enables you to start programs invisibly in the background.

Foxit PDF Reader

[Foxit PDF Reader](#) (freeware) enables you to view PDF files and print them out.

PsExec

[PsExec](#) (freeware) enables you to start programs installed on other machines in your network.

PsService

[PsService](#) (freeware) enables you to start up and shut down services from the command line.

PsShutdown

[PsShutdown](#) (freeware) enables you to shut down or restart your local computer or a computer in the network from the command line.

RemoveDrive

[RemoveDrive](#) (freeware) enables you to deregister USB devices via the command line.

SendEmail

[SendEmail](#) (freeware) enables you to send emails via the command line.

SetACL

[SetACL](#) (freeware) enables you change the access permissions of files, folders, services, registries and network shares.

Setx

[Setx](#) enables you permanently store the environment variables for the entire Windows system or individual users.

TrueCrypt, VeraCrypt

The freeware [TrueCrypt](#) and [VeraCrypt](#) enables you to encrypt entire partitions and protect your data against unauthorized access.

UltraVNC

[UltraVNC](#) (VNC = virtual network computing) (freeware) enables you to remote-control other machines in your network or via the Internet.

USB Agent

[USB Agent](#) (freeware) enables programs to be automatically launched when connecting a USB device.

Optimizing Your Working Speed

Here are some tips on how you can optimize the time needed for performing a copy preview or copy operation and thus save time.

General

- Use [Sync](#) copy mode only when the items have changed at the source **and** destination.
- Deactivate the [report colors](#) for the entries of the report window.
- Avoid unnecessary filters for [files](#) and [folders](#).
- Disable activated virus scanners during a copy operation.

Copy Operations

- Use the [copy method](#) suitable for your hardware environment.
- In [Sync](#) copy mode, deactivate the options for [synchronization conflicts](#).
- The backup folder for the [data protection](#) option should be located on the local hard drive.
- In the [profile properties](#), deactivate all unneeded options in the [General](#) section.
- In the profile properties, deactivate the [logging](#) settings.
- Use a [temporary folder](#) for creating a ZIP file when the destination of the ZIP file is not located on the local hard drive.
- Use a low [compression level](#) when backing up your items into a ZIP file in [Backup](#) copy mode.

Copy Preview

- In the profile properties (Filters – Folders), deactivate the [Display contents of filtered folders in report](#) option.

Tips & Tricks

- AllSync's [Shortcut Manager](#) enables you to conveniently create shortcuts of your profiles on your desktop and in other folders.
- [AllSync Scheduler](#) enables you to automatically run profiles by scheduling them.
- [QuickSync](#) enables you to quickly run a copy preview without having to set up a new profile.
- AllSync's [Internet Update feature](#) enables you to check whether a more recent version of AllSync is available for download.
- In the [report color](#) options you can custom-define colors for report entries in a copy preview and thus highlight certain actions.
- The actions shown of files and folders in a copy preview can be modified via the [context menu](#) in the [report window](#).
- Use [profile chaining](#) if you frequently want to run several profiles in the same sequence.

Switchover between Daylight Saving and Standard Time

How does the switchover affect the copying of files?

After a switchover between standard and daylight saving time, the modified date/time of two identical files in the source and destination folders may exhibit a time differential of one hour. Depending on the [Copy Rules](#) settings, the identical files are recopied.

Which files are affected by the switchover?

The time differential occurs only if the one file is located on a FAT partition and the respective file on the other side is located on an NTFS partition.

What do I have to do before the switchover?

Before the switchover, you should perform a copy operation so that all the files in the source and destination folder exhibit the same time stamp. You should not change any files between the time you perform the copy operation and the time switchover.

What do I have to do after the switchover?

There are two ways to remedy the problem:

- You activate the [*Treat files with a modified time differential of ...*](#) option in the Copy Rules and specify an exact time differential. This prevents AllSync from recopying all files.
- You start a copy operation using a profile so that all files are copied and the time differential is eliminated.

Error Messages

- [2 - The system cannot find the specified file.](#)
- [3 - The system cannot find the specified path.](#)
- [5 - Access denied.](#)
- [8 - There is not enough memory available](#)
- [15 - This file would replace an existing file in the zip file, but no temp file is used \(ZIP\)](#)
- [32 - The process cannot access the file ...](#)
- [33 - The process cannot access the file ...](#)
- [64 - The specified network name is no longer available.](#)
- [82 - The directory or file cannot be created.](#)
- [103 - Cannot open this file \(ZIP\)](#)
- [112 - There is not enough space on the disk.](#)
- [121 - The semaphore timeout period has expired.](#)
- [282 - The mounted file system does not support extended attributes.](#)
- [320 - The file was already open for writing, but permitted us to open for reading \(ZIP\)](#)
- [507 - Cannot write to zip file \(ZIP\)](#)
- [508 - Cannot move temporary file to target zip file \(ZIP\)](#)
- [521 - Clipboard cannot be opened](#)
- [999 - Error performing inpage operation](#)
- [1117 - The request couldn't be executed because of an I/O device error](#)
- [1130 - Not enough server storage is available to process this command.](#)
- [1219 - Multiple connections to a server or shared resource by the same user, using more than one user name, are not allowed.](#)
- [1450 - Insufficient system resources exist to complete the requested service.](#)
- [1816 - Not enough quota is available to process this command.](#)
- [2202 - The user name or group name parameter is invalid.](#)
- [5132 - Word cannot start the converter mswrd632](#)
- [-2147024891 - Access denied \(VSS\)](#)
- [-2147212522 - The Windows Volume Shadow Copy Service is used by another program \(VSS\)](#)

- [-2147212529 - Unexpected provider error \(VSS\)](#)
- [-2147212542 - The Windows Volume Shadow Copy Service couldn't be initiated \(VSS\)](#)
- [-2147417848 - Automation error](#)
- [-2147418113 - Critical error \(VSS\)](#)

ERROR 2	
Description	Google
Cause #1	The network environment is no longer available.
Cause #2	The file has been deleted or renamed by another application.

ERROR 3	
Description	Google
Cause #1	The network environment is no longer available or not properly initialized.
Cause #2	The folder has been deleted or renamed by another application.

ERROR 5	
Description	Google
Cause #1	The user has no or insufficient permissions to access the data.
Solution #1	Start AllSync with a user account providing for the requisite access permissions for this data.
Solution #2	Expand the data access permissions for the AllSync user.

ERROR 8	
Description	Google
Cause	The windows page file is deactivated, doesnt exist or the size is to small.
Solution #1	Check that the windows page file is activated and exist.
Solution #2	Increase the size of the windows page file.

ERROR 15	
Descripti on	This file would replace an existing file in the zip file, but no temp file is used.
Cause	Existing files in a ZIP file can't be updated if no folder has been specified for the temporary creation of the ZIP file.
Solution	Activate the options for creating a temporary ZIP file .

ERROR 32	
Description	Google
Cause	Access to this file is blocked because another program has an exclusive share on the file.
Solution	Use the Windows Volume Shadow Copy Service (VSS) copy option to copy open files.

ERROR 33	
Description	Google
Info	See error message 32 .

ERROR 64	
Description	Google

ERROR 82	
Description	Google
Info	This error message may be seen when copying many thousands of files into a single directory on a FAT32 partition. On FAT32 partitions, directories are limited to 65,536 entries. Each file, however, can take up several entries. One entry is needed for the file's short (8.3) name, plus one for every 13 characters in the long name.
Solution #1	Spread your files across multiple directories if you want to use FAT32.
Solution #2	Convert the partition from FAT32 to NTFS.

ERROR 103	
Description	Cannot open this file
Info	The file is locked for read access and cannot be compressed.

ERROR 112	
Description	Google
Solution #1	Check the space on the storage device and free up disk space by deleting unneeded files.

ERROR 112

Solution #2	Delete the contents of the Windows Recycle Bin.
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ERROR 121

Description	Google
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ERROR 282

Description	Google
Solution	Save the file or directory using a file system that can save extended attributes.

ERROR 320

Description	The file was already open for writing, but permitted us to open for reading.
Info	The file is locked for read access and cannot be compressed.

ERROR 507

Description	Cannot write to zip file.
Cause #1	The storage device is full or has been removed.
Cause #2	The ZIP file being created exceeds the maximum size of 4 GB.

ERROR 508

ERROR 508

Description
Cannot move temporary file to target zip file

Cause
A ZIP file of the same name in the destination folder can't be deleted and thus can't be replaced with the temporary ZIP file.

Solution
Check the access rights of the ZIP file in the destination folder.

ERROR 521

Description
[Google](#)

Cause
Another application is using the Clipboard and is not releasing it to your application.

Solution #1
Shut down all other applications one by one, attempting to perform the action each time.

Solution #2
Restart Windows so that the Clipboard is released again.

ERROR 999

Description
[Google](#)

Cause
A system error has occurred while using the Windows swapfile.

ERROR 1117

Description
[Google](#)

Cause
A hardware error occurred while accessing the data medium.

Note
Check the Windows system log for more information about the device error.

Tip
Start Windows disk error checking (chkdsk) and test the data medium for bad sectors.

ERROR 1130	
Description	Google
Solution	For information on remedying this problem, consult the Microsoft website.

ERROR 1219	
Descripti on	Google
Solution #1	Use the computer's TCP-IP address instead of the machine name. Example: "\\192.168.0.1\Data" instead of "\\Server\Data"
Solution #2	Disconnect all links to the server or the shared resource and try it again. Windows commands to disconnect network links: net use "\\Computer\Sharename" /delete net use X: /delete net use * /delete

ERROR 1450	
Description	Google
Solution	For information on remedying this problem, consult the Microsoft website.

ERROR 1816	
Description	Google
Solution	For information on remedying this problem, consult the Microsoft website.

ERROR 2202	
Description	Google
Solution	Use a different user name or group name to connect to the password-protected network folder.

ERROR 5132	
Description	Google
Solution	For information on remedying this problem, consult the Microsoft website.

ERROR -2147024891	
Description	Access denied
Solution	When user account control is activated, AllSync must be started with full administrator rights.

ERROR -2147212522	
Description	The Windows Volume Shadow Copy Service is used by another program
Solution	Stop the other application using the Windows Volume Shadow Copy Service.

ERROR -2147212529	
Description	Unexpected provider error
Solution	Make sure that the services required for the Windows Volume Shadow Copy Service (VSS) option for copying open files have not been deactivated.

ERROR -2147212542

Description	The Windows Volume Shadow Copy Service (VSS) couldn't be initialized
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Solution	See error no. 2147417848 .
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ERROR -2147417848

Description	Automation error
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Solution #1	Restart AllSync and repeat the operation.
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Solution #2	Restart Windows and repeat the operation.
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Solution #3	Reinstall AllSync using Setup and repeat the operation.
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ERROR -2147418113

Description	Critical error
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Solution	See error no. 2147417848 .
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Wildcards for Filters

The following wildcards are available to you for filtering [files](#) and [folders](#):

WILDCARD	STANDS IN THE FILTER FOR
*	No or several characters.
?	Any single character.
#	Any single numeral (0 - 9).
[charlist]	Any single character in <i>charlist</i> .
[!charlist]	Any single character that isn't contained in <i>charlist</i> .

The wildcards can be combined in any sequence.

The following characters have to be inserted in square brackets in order to be used for a compare operation: left square bracket ([), question mark (?), pound sign (#) and asterisk (*). The right square bracket (]) can't be used in a string of characters being compared. However, it can be indicated outside of a string as an individual character.

You can also specify a range of characters in *charlist* by indicating the largest and smallest value of the range, separated by a hyphen (-). For example, **[A-Z]** results in a match if the respective character position in *charlist* is a letter between **A** and **Z**. You can specify a sequence of several ranges in square brackets without using separators.

Other key rules for using wildcards:

- An exclamation point (!) at the beginning of *charlist* means that a match results when any character except for the characters in *charlist* is found. If the exclamation point is used outside of the square brackets it serves as a wildcard for itself.
- A hyphen (-) can appear at the beginning (after an exclamation point, if present) or at the end of *charlist* in order to serve as a wildcard for itself. In any other position a hyphen serves to designate a character range.
- When a range of characters is specified, the characters have to be listed in ascending order (from the lowest to the highest). This means that **[A-Z]** is a permissible pattern whereas **[Z-A]** isn't.

Examples:

TYPE OF CORRESPONDENCE	FILTER	CORRESPONDENCE	NO CORRESPONDENCE
Several characters	a*a	aa, aBa, aBBBa	aBC
	ab	abc, AABB, Xab	aZb, bac
[? # *	a[*]a	a*a	aaa
Several characters	ab*	abcdefg, abc	cab, aab
Individual characters	a?a	aaa, a3a, aBa	aBBBa
Individual numerals	a#a	a0a, a1a, a2a	aaa, a10a
Character range	[a-z]	f, p, j	2, &
Outside of range	[!a-z]	9, &, %	b, a
No numerals	[!0-9]	A, a, &, ~	0, 1, 9
Combination	a[!b-m]#	An9, az0, a99	abc, aj0

Placeholders for the Date and Time

The following placeholders for the date and time can be used in the [backup options](#) and the general options for the [time and date format](#).

CHARACTERS	DESCRIPTION
:	Time delimiter
/	Date delimiter
d, dd	Day (1 – 31, 01 – 31)
Ddd	Abbreviated day of the week (Sun - Sat)
dddd	Day of the week (Sunday - Saturday)
dddddd	Short date format
ddddddd	Long date format
w	Calendar week day (1 for Sunday to 7 for Saturday)
ww	Calendar week (1 - 54)
m, mm	Month (1 - 12, 01 – 12)
mmm	Abbreviated names of the months (Jan - Dec)
mmmm	Names of the months (January - December)
q	Quarter (1 – 4)
y	Calendar day (1 – 366)
yy, yyyy	Year (00 – 99, 100 - 9999)
h, hh	Time/hour (0 - 23, 00 - 23)
m, mm, n, nn	Time/minute (0 - 59, 00 - 59)
s, ss	Time/second (0 - 59, 00 - 59)

CHARACTERS	DESCRIPTION
AM/PM, A/P, AMPM	12-hour format

Windows ASCII/ANSI Character Set

Character Set 0-127 (ASCII)

0	·	32	[empty]	64	@	96	`
1	·	33	!	65	A	97	a
2	·	34	"	66	B	98	b
3	·	35	#	67	C	99	c
4	·	36	\$	68	D	100	d
5	·	37	%	69	E	101	e
6	·	38	&	70	F	102	f
7	·	39	'	71	G	103	g
8	* *	40	(	72	H	104	h
9	* *	41	)	73	I	105	i
10	* *	42	*	74	J	106	j
11	·	43	+	75	K	107	k
12	·	44	,	76	L	108	l
13	* *	45	-	77	M	109	m
14	·	46	·	78	N	110	n
15	·	47	/	79	O	111	o
16	·	48	0	80	P	112	p
17	·	49	1	81	Q	113	q
18	·	50	2	82	R	114	r
19	·	51	3	83	S	115	s

20	·	52	4	84	T	116	t
21	·	53	5	85	U	117	u
22	·	54	6	86	V	118	v
23	·	55	7	87	W	119	w
24	·	56	8	88	X	120	x
25	·	57	9	89	Y	121	y
26	·	58	:	90	Z	122	z
27	·	59	;	91	[	123	{
28	·	60	<	92	\	124	|
29	·	61	=	93	]	125	}
30	·	62	>	94	^	126	~
31	·	63	?	95	_	127	·

· These characters are not supported by Microsoft Windows.

Character Set 128-255 (ANSI)

128	·	160	[space]	192	À	224	à
129	·	161	ì	193	Á	225	á
130	·	162	ø	194	Â	226	â
131	·	163	£	195	Ã	227	ã
132	·	164	¤	196	Ä	228	ä
133	·	165	¥	197	Å	229	å
134	·	166	¡	198	Æ	230	æ

135	•	167	§	199	Ç	231	ç
136	•	168	¨	200	È	232	è
137	•	169	©	201	É	233	é
138	•	170	ª	202	Ê	234	ê
139	•	171	«	203	Ë	235	ë
140	•	172	¬	204	Ì	236	ì
141	•	173		205	Í	237	í
142	•	174	®	206	Î	238	î
143	•	175	ˉ	207	Ï	239	ï
144	•	176	°	208	Ð	240	ð
145	'	177	±	209	Ñ	241	ñ
146	,	178	²	210	Ò	242	ò
147	•	179	³	211	Ó	243	ó
148	•	180	´	212	Ô	244	ô
149	•	181	µ	213	Õ	245	õ
150	•	182	¶	214	Ö	246	ö
151	•	183	·	215	×	247	÷
152	•	184	¸	216	Ø	248	ø
153	•	185	¹	217	Ù	249	ù
154	•	186	º	218	Ú	250	ú
155	•	187	»	219	Û	251	û
156	•	188	¼	220	Ü	252	ü
157	•	189	½	221	Ý	253	ý

158	·	190	³ / ₄	222	Ɔ	254	Ɔ
159	·	191	ı	223	Ɔ	255	ÿ

· These characters are not supported by Microsoft Windows.

Unicode

Can files with Unicode characters in their names be copied?

Yes. AllSync can create, copy and delete files and folders with Unicode characters in their names.

Which restrictions are there on account of Unicode characters?

AllSync does not display Unicode characters in the program for technical reasons. Only characters of the Windows [ASCII/ANSI character set](#) can be displayed and entered. Unicode characters passed to AllSync are replaced either by a question mark or are not displayed at all. This results in the following limitations:

- No Unicode characters can be entered in the program.
- No Unicode characters passed to AllSync can be displayed in the program.
- No files with Unicode characters in their names can be compressed into a ZIP file.
- The synchronization options [File Conflict](#) and [Structure Conflict](#) have no effect with regard to files and folders with Unicode characters in their names.

References, Supplementary Information

- [Unicode](#)
- [ASCII/ANSI Character Set \(ISO 8859-1\)](#)

Windows Naming Conventions

To ensure your files and folders sync correctly on other operating systems, try to follow these guidelines:

Incompatible characters with Windows

When naming your files, avoid characters incompatible with the Windows file system:

- / (forward slash)
- \ (backslash)
- < (less than)
- > (greater than)
- : (colon)
- " (double quote)
- | (vertical bar or pipe)
- ? (question mark)
- * (asterisk)
- . (period) or a space at the end of a file or folder name

Max character length

Windows only allows file and folder names of 260 characters or less but permit a maximum total path length of 32,767 characters which will be supported by AllSync. Please note that the Windows Explorer only support a maximum total path length of 260 characters.

Case conflicts

Most Linux installations allow you to have two files or folders with the same name but different capitalization. However, by default, Windows won't differentiate file or folder names by case. Therefore, if AllSync comes across linux directories named "DATA FOLDER" and "data folder", it will create only one folder with this name at the Windows computer but it will sync the content of both linux folders with the content of the single folder at the Windows computer.

For more information about the Windows naming conventions visit [Microsoft](#).

Upgrade to AllSync Version 4

Information

- The [user interface](#) of AllSync 4 has been completely revised with a modern design and improved usability, ensuring that work with the tool is more efficient and more pleasant.
- AllSync 4 now supports Unicode characters everywhere in the program.
- For a complete list with all changes please refer to the [Version History](#) of AllSync 4.
- AllSync 4 can be used with [Windows](#) 11, Windows 10, Windows 8, Windows 7 and Windows Vista. Windows XP is no longer supported.
- The user interface of AllSync 4 is inherently available in English and German language. More [languages](#) will be available in the future.
- You can import your [profiles](#) and scheduler [tasks](#) from AllSync version 2 and 3.
- AllSync 4 can be installed in parallel to an older version of AllSync.
- For testing purposes the [demo version](#) of AllSync 4 can be installed in parallel to an older version of AllSync.

Ordering Upgrade

You will receive a 30% discount for the upgrade to AllSync 4 if you own licenses for an older version of AllSync. Please send us your license details or invoice/delivery slip to order@allsync.biz. We will process your request and send you all information about the upgrade price and the possibility to order the upgrade.

Free Upgrade

You will get a free upgrade if you purchased a license of AllSync 3 within the last 30 days after the release of AllSync 4. In that case, send us your license details of AllSync 3 to order@allsync.biz to get your free license for AllSync 4.

Links

- [AllSync 4 Upgrade Information](#)
- [AllSync 4 Version History](#)
- [AllSync 4 Screenshots](#)

- [Download AllSync 4 Demo Version](#)
- [AllSync 4 Price List](#)
- [Ordering AllSync 4](#)