Introduction

KLS Backup 2025

Program Overview

KLS Backup 2025 is a powerful backup and synchronization program that enables you to back up or synchronize your data to local drives, network drives, or cloud storage. The backup files can be stored either uncompressed or compressed in standard ZIP or 7z format. KLS Backup 2025 can back up files and folders from local drives, network locations or cloud storage, databases, mailboxes and other application specific data (profiles). Advanced version management enables you to quickly find and restore any backup version within seconds. The synchronization feature allows you to easily synchronize the contents of two different folders.

Main features:
- Easy-to-use but powerful integrated workspace
- Backup data from local and network drives, cloud storage, SFTP, FTP and WebDAV servers
- Backup of databases (Microsoft SQL Server, MySQL) and application data (Outlook, Thunderbird)
- Backup to local and network drives, SFTP, FTP and WebDAV servers, CD/DVD media
- Backup to cloud: Microsoft Azure, Amazon S3, Google Cloud Storage, OpenStack, OneDrive, Dropbox
- Full, incremental and differential backups
- Backup of open files and NTFS permissions
- Highly configurable backup profiles and plugins
- Standard Zip compression, Zip64 support, 7z and a custom encryption format
- Powerful archive management and search functions
- Selective restore of files and folders to original or custom locations
- Secure archives with AES encryption, SSL/TLS support for remote transfers
- Two-way file synchronization engine with version support
- Automated backups with the built-in scheduler service
- Detailed backup logs and email notifications
- Web Interface (Monitor)
- Command Line Interface (Console)
- Compatible with Windows 10, 11 and Windows Server 2025

KLS Backup 2025 comes in many editions. To check the differences between editions, please see the **Feature Matrix**.

KLS Backup 2025

Feature Matrix

	Standard	Professional
BACKUP		
Backup wizard	✔	✔
Profile groups (run and schedule multiple profiles)		✔
Backup destination		
Backup to local drive	✔	✔
Backup to network folder	✔	✔
Backup removable drive	✔	✔
Backup to FTP, WebDAV, Microsoft Azure, Amazon S3, Google Cloud, OneDrive, Google Drive, Dropbox, Backblaze B2	✔	✔
Backup to SFTP, OpenStack		✔
Backup to CD/DVD	✔	✔
Storage Locations (user defined storage properties)		✔
Secondary backup destination		✔
Limit backup/transfer speed	✔	✔
Backup items (Sources)		
Local Files/Folders	✔	✔
Network, FTP, SFTP, WebDAV, Microsoft Azure, Amazon S3, Google Cloud, OpenStack, OneDrive, Dropbox Files/Folders		✔
Web Browser and Email profiles: Firefox, Chrome, Edge, Outlook, Thunderbird, Postbox	✔	✔
Databases: SQL Server, MySQL, MariaDB		✔
Plugin support (additional backup sources)	✔	✔
Disk Image (plugins)		✔
POP3 and IMAP backup (plugins)		✔
Inclusion/exclusion filters	✔	✔
Backup of open files (VSS)	✔	✔
Named backup sources		✔
Backup of NTFS permissions (ACL)		✔

Backup format		
Compressed backup (ZIP, ZIP64, 7z with strong encryption)	✔	✔
Uncompressed copy (with or without encryption)	✔	✔
Backup type		
Full backup	✔	✔
Incremental backup	✔	✔
Differential backup		✔
Copy backup (standalone full backup)		✔
Running Backup Jobs		
Scheduled jobs (Windows Task Scheduler)	✔	✔
Scheduled jobs (KLS Backup Service Task Scheduler)		✔
Actions to run before/after	✔	✔
Scheduled tasks calendar view		✔
Archive Management		
Search in archives	✔	✔
Local catalogs (offline search)	✔	✔
Archive retention options	✔	✔
Security		
Password protected archives	✔	✔
Encryption (AES-256)	✔	✔
Encrypted connections (SSL/TLS)	✔	✔
Restore		
Restore wizard	✔	✔
Restore selected files	✔	✔
Restore to custom location	✔	✔
Archive testing (scheduled)		✔
Synchronize		
Synchronization wizard	✔	✔
Synchronize local folders	✔	✔
Synchronize network folders	✔	✔
Synchronize with ZIP file, FTP, WebDAV, Microsoft Azure, Amazon S3, Google Cloud folders	✔	✔
Cloud-to-Cloud synchronization		✔
Continuous (real-time) synchronization	✔	✔

Versions (restore deleted files)	✔	✔
Cleanup		
Cleanup wizard	✔	✔
Secure file deletion (DOD, NSA)	✔	✔
Backup before cleanup	✔	✔
Logs and Notifications		
Log to file (txt, html)	✔	✔
Send log file via email	✔	✔
Windows Event Logs		✔
Notification plugins (SysLog, Amazon SNS)		✔
Other features		
User-mode (run as standard non-elevated Windows user)	✔	✔
Console (command line) interface		✔
Advanced profile format (override default task properties)		✔
Segmented (parallel) upload	✔	✔
Backup Service (runs as a windows service)		✔
Web Monitor		✔

KLS Backup 2025

System requirements

Minimum Recommended System Requirements

- Windows 11/10/8.1/8/7 32/64bit (all editions)
- Windows Server 2025/2022/2019/2016/2012R2/2012/2008R2 (all editions)
- Internet connection
- Hard drive with at least 200MB free disk space for installation

KLS Backup 2025

Registering KLS Backup 2025

You can use the evaluation version of **KLS Backup 2025** to ensure it meets your needs. The evaluation version may be used only for testing purposes. You can purchase the full version of the program online at KLS Backup 2025 order page, at **http://store.kls-soft.com**.

The latest pricing information for KLS Backup 2025 can always be found at: **http://klsbackup.kls-soft.com**.

Upon purchasing a license for **KLS Backup 2025**, you will receive an email containing information on how to activate the software.

Note: the activation process may require internet connection.

KLS Backup 2025

Checking for Updates

KLS Backup 2025 is under constant development. We regularly post updated builds of KLS Backup 2025 with enhancement and fixes.

Registered users of KLS Backup 2025 can use the Update Check tool to get notified about new updates/fixes for the software.

To check for updated software click **Help** and then select **Check for Updates**. KLS Backup 2025 will connects to our update server and notifies you if there are any updates available for your software.

KLS Backup 2025

Contact and Support

You can always find latest information on KLS Backup 2025 at:
- our main web site: **https://www.kls-soft.com**
- at KLS Backup 2025 web site: **https://klsbackup.kls-soft.com**

For technical assistance or problem reports please contact by e-mail our Support Team at **support@kls-soft.com**.

A growing searchable **knowledge database** of questions and answers about the software, a **support request form** and other support options can be found at **https://support.kls-soft.com**.

User Interface

KLS Backup 2025

Interface

KLS Backup 2025 provides an all-in-one-window integrated workspace. In this workspace, all windows and panels are integrated into a single larger application window. The workspace provides easy access to the various tools and features you can use to browse, view, edit, and manage your backup sets.

Click on the section on which you want to read information.
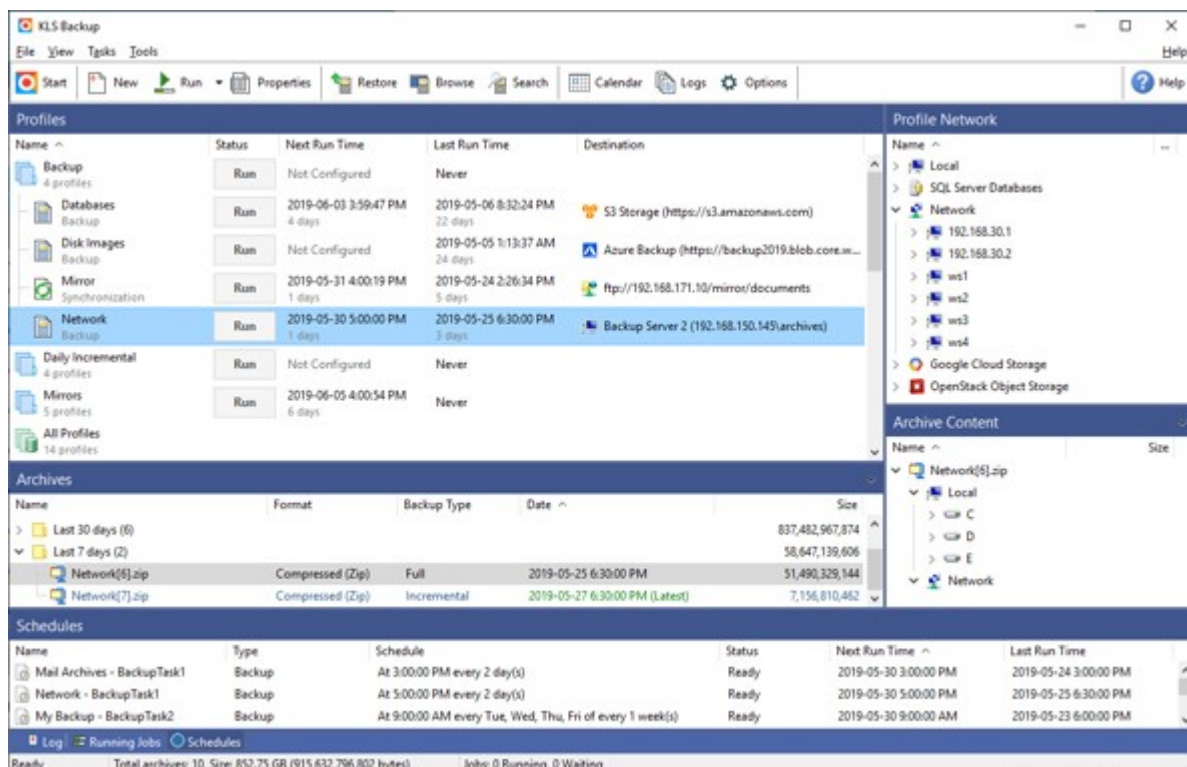
Main Screen - Backup Sets

This tree view contains all defined profiles. The profiles are grouped into profile groups, for easy handling.

Columns:

- **Title**: Title of the backup set/backup group
- **Last run** : Date and time of the backup
- **Target**: Target folder of the backup set
- **Backup Type**: Backup type of the backup set
- **Method**: Method used to create the archive

Right click on the header to show the Header context menu. Use this menu to enable/disable columns.

Use the right mouse button to show the Backup Sets context menu.

- **Open**: Opens the selected backup set
- **Run**: Runs the selected backup set
- **Enable\Disable**: Enables\Disables the profile and the associated scheduled tasks.
- **Search Archives**: Shows the search archive dialog.
- **Restore Archive**: Shows the Restore Wizard.
- **Duplicate**: Duplicates the current profile.
- **Rename**: Shows the Rename Profile dialog.

- **Delete**: Deletes the selected profile.

- **Properties**: Shows the properties dialog of the selected backup set

Main Screen - Backup Items

The Backup Items tree contains the list of backup items of the current backup set. Backup items are organized in categories. The main category, called **Default** always contains the 4 main backup item types: files and folders, registry keys, ftp files and folders.
Predefined backup items are organized in other groups.

Columns:
- **Title**: Title of the item
- **Size**: Size of the item in bytes (if applicable)
- **Type**: Type of the item (if applicable)
- **Status**: Status of the item (if applicable)
- **Comment**: Comment of the item (if applicable)
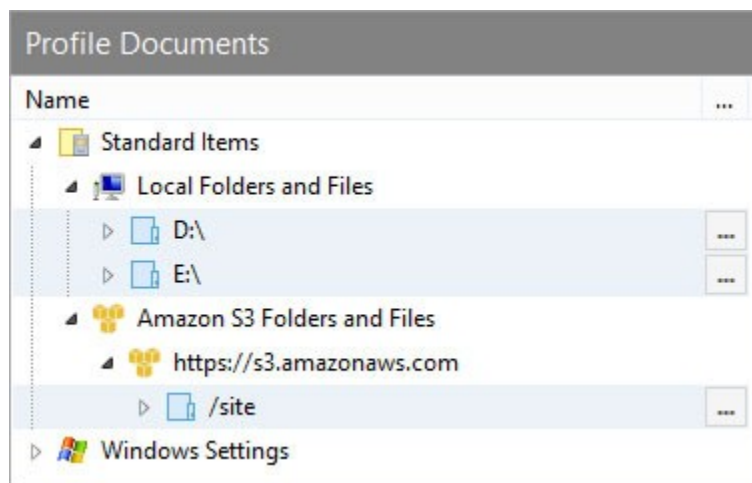
Right click on the header to show the Header context menu. Use this menu to enable/disable columns.

Use the right mouse button to show the Backup Items context menu.

- **Add Item**:Shows the Add Backup Item dialog.
- **Filter**: Shows the Filter Options dialog.
- **Explore Folder**: Shows the content of the selected folder in the Windows Explorer
- **Compare**: Shows the available Compare Tools for the selected item.
- **Execute**: Executes the selected item.
- **Enable\Disable**: Enables\Disables the backup item.
- **Remove**: Removes the backup item from the profile.
- **View Mode**: Shows the View Mode dialog.

- **Properties**: Shows the properties dialog of the selected item

Main Screen - Archives

KLS Backup 2025 maintains a library which contains a history of backup jobs and the files of each backup run. This feature offers a clear view of backup set history, and allows you to keep track of file versions. The content of the selected archive is shown in the Archive Content tree.

Columns:
- **Title**: Title of the archive
- **Backup Type**: Backup type of the archive
- **Date**: Date of the backup
- **Size**: Size of the archive in bytes

Right click on the header to show the Header context menu. Use this menu to enable/disable columns.

Use the right mouse button to show the Archives context menu.

- **Open**: Opens the selected archive.
- **Explore Folder**: Shows the content of the selected folder in the Windows Explorer.
- **Delete**: Deletes the selected archive.
- **Search Archive**: Shows the search archive dialog.
- **Restore Archive**: Shows the Restore Wizard window for the selected archive.
- **Test Archive**: Runs the archive integrity check.
- **View Mode**: Shows the View Mode dialog.
- **View Log**: Shows the log of the archive if available.

- **Properties**: Shows the properties dialog of the selected item.

Main Screen - Archive Content

The Archive Content tree shows the content of the selected Archive. The structure of this view is the same as the backup items view; the items are organized into categories.
When the user runs an incremental or differential backup, only modified files are included into the backup. Files not included in the backup are not added to the archive but they are included in the archive catalog. These files are displayed with blue font color.

Columns:
- **Title**: Title of the item
- **Size**: Size of the item in bytes (if applicable)
- **Type**: Type of the item (if applicable)
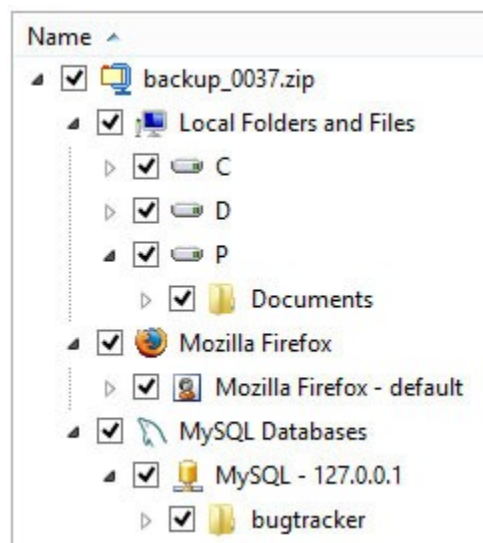
Right click on the header to show the Header context menu. Use this menu to enable/disable columns.

Use the right mouse button to show the Archive Content context menu.

- **Search this archive**: Shows the search archive dialog.
- **List View**: Enabled/Disables the List View mode of the archive content.
- **View Mode**: Shows the View Mode dialog.
- **Properties**: Shows the properties dialog of the selected item.

Program Menus

This page gives you a general overview of the program menus.

File
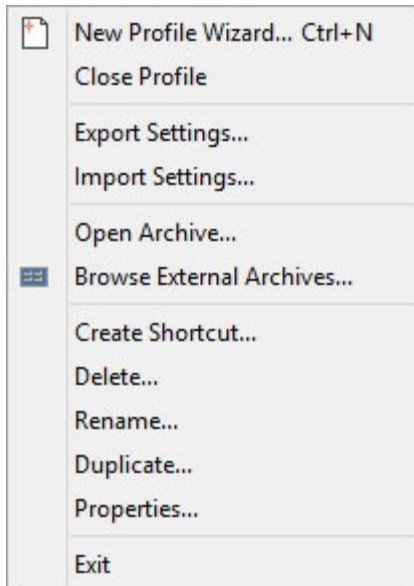
- **New Profile Wizard: Creates a new profile**
- **New Backup Set Wizard**: Shows the backup set wizard
- **New Synchronization Wizard**: Shows the synchronization wizard
- **New Cleanup Set Wizard**: Shows the cleanup set wizard
- **New Profile Group**: Shows the profile group wizard
- **Close Profile**: Closes the active profile
- **Open Compressed Archive**: Restores a compressed archive
- **Browse External Archives**: Restores an archive not associated with an existing backup set
- **Duplicate**: Duplicates the current profile
- **Rename**: Shows the Rename Profile dialog
- **Create Shortcut**: Creates a shortcut on the desktop for the selected profile

- **Exit**: Closes the application

View

	Profiles
	Start Page
	Log
	Running Jobs
	Schedules
	Schedules Calendar...	Ctrl+T
	Log Manager...	Ctrl+L
✔	Show Archives	Shift+F3
✔	Show Archive Content	Shift+F4
✔	Toolbar
✔	Status Bar
●	Full Mode
	Tray Mode
	Workspace Layout...

- **Logs: Shows the log panel**
- **Running Jobs**: Shows the running jobs panel
- **Schedules**: Shows the scheduled jobs panel
- **Schedules Calendar**: Shows the scheduled jobs calendar
- **Show Archives**: Shows the archive list panel
- **Show Archives Content**: Shows the archive content panel

- **Workspace Layout**: Shows the Workspace Layout dialog

Tasks

- **Run (Full Backup): Runs the active backup set in full backup mode**
- **Run (Incremental Backup)**: Runs the active backup set in incremental backup mode
- **Run (Differential Backup)**: Runs the active backup set in differential backup mode
- **Simulated Run (Full Backup)**: Runs the active backup set in simulated full backup mode
- **Simulated Run (Incremental Backup)**: Runs the active backup set in simulated incremental backup mode
- **Simulated Run (Differential Backup)**: Runs the active backup set in simulated differential backup mode
- **Calculate size**: calculates the total size of the source files of the active backup set
- **Schedule Job**: Shedules the active backup set
- **Restore Archive**: Shows the Restore Wizard window for the active backup set and archive
- **Test All Archives**: Runs the archive test job
- **Import Archives**: Show the Import Archives dialog
- **Pause Running Jobs**: Pauses all running jobs

- **Resume All**: Resumes all paused jobs

Tools

- **Exit Program When Done: if checked the program will exit when all jobs are finished**
- **Shut Down When Done**: if checked the program will shut down the system when all jobs are finished
- **Disable/Enable All Profiles**: Disables/enables the profiles, including the associated scheduled tasks
- **Clear Recent Saved Passwords**: Clears the remembered archive passwords in the current session
- **Log Manager**: Shows the Log Manager dialog.
- **Default Backup Set Properties**: Shows the properties dialog of the default backup set.
- **Service Manager**: Shows the Service Manager dialog.

- **Options**: Shows the options dialog .

Program Options

The Options window contains the settings and preferences for KLS Backup 2025. Using this window you can define the way KLS Backup 2025 operates.

General Preferences:

Start-up
- **Show Splash Screen**: Shows the splash screen on program startup.
- **Start Minimized**: Starts the application minimized.
- **Minimize to tray**: Minimizes the application to the system tray.
- **Reopen Last Backup Set**: Opens the last backup set on program startup.

Backup Jobs (Backup/Restore)
- **Minimize on Job Start**: Minimizes the application when you run a backup/restore job.
- **Show Job Progress**: Shows the backup/restore job progress window.
- **Show Job Progress Details**: Enables the Detail view in the job progress windows.
- **Job Progress on Top**: Sets the job progress window as the topmost window.
- **Restore on Job Finished**: Restores the application main window when the job is finished.
- **Balloon Popup**: Notifies the start and end of the jobs with a balloon popup.

Workspace
- **Change Workspace**: Shows the **Workspace** dialog, which allows you to select your preferred workspace layout.
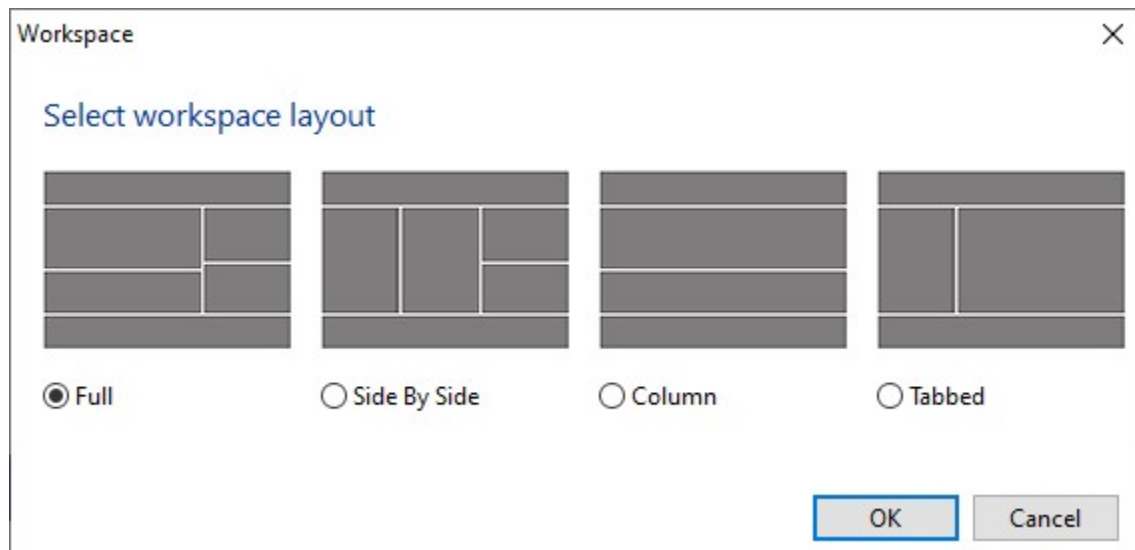

Backup Settings:
- **Open Last Archive**: Opens the last archive when a backup set is opened. If not checked you

can open a backup archive by double clicking on the archive in the **archive list**.

- **Default Backup Set**: Shows the properties dialog of the default backup set.

Tools

Tools are used to extend the functionality of KLS Backup with 3rd party applications.

Sounds: You can assign sounds to program events. Select the sound you want to play whenever the selected program event occurs.
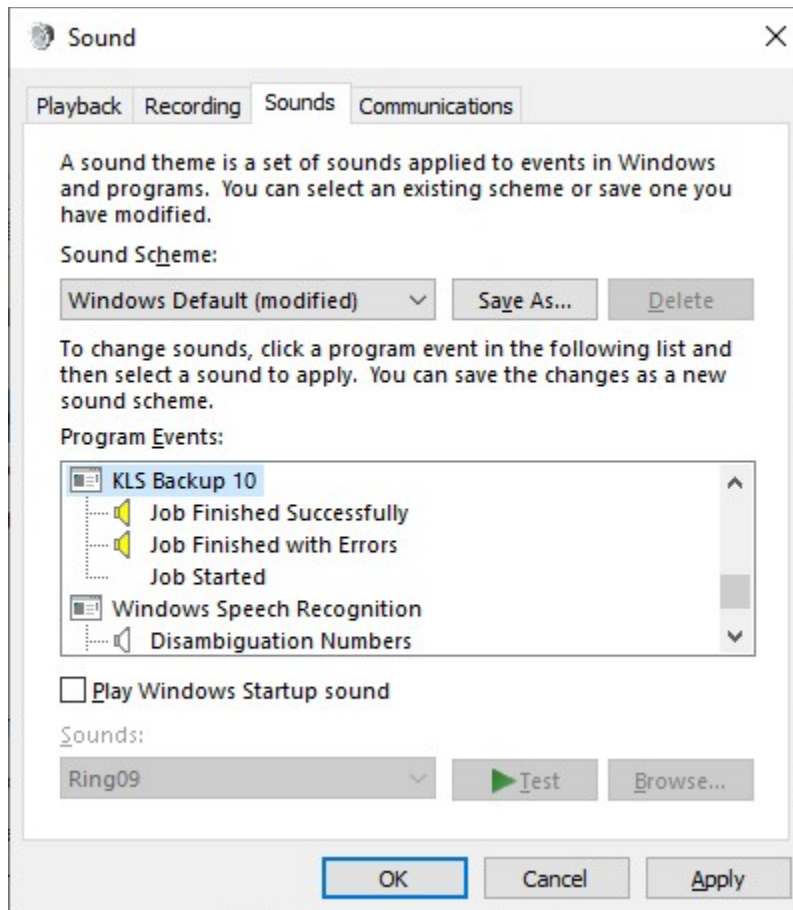
External Application to Compare Files: the compare tool is used to compare file versions. Select a file in the **backup items** view and click **Compare**, to compare the content of the selected file and the content of the same file from the archive.

Advanced settings: only recommended for users who are experienced with KLS Backup.

- **Profiles Folder**: Specifies the directory where the backup set profiles are stored.
- **Temporary Folder**: Specifies the directory where the temporary files will be stored. KLS Backup creates temporary files while running. If there is not enough free space in the Temporary folder, backup/restore operations may fail.
- **Update URL**: Specifies the internet URL where KLS Backup will search for updates.
- **Configuration**: Specifies the directory where the application configuration files are stored.

Options - Templates

Templates are predefined data sets, collections of most frequently used parameters. Templates will help you to autocomplete edit fields.

Filter Templates: predefined file masks used in Backup Item Filters dialog.
- **Title**: Display name of template.
- **Extensions**: File masks separated by comma.

Click:
- **Add (+)**: to show the Add Template dialog.
- **Edit (...)**: to show the Edit Template dialog.
- **Delete (X)**: delete the template from the list.
- **Move Up (U)**: move up the filter in the list.
- **Move Down (D)**: move down the filter in the list.

Title	Masks	
Office Files	*.doc,*.docx,*.dot,*.dotx,*.xls,*.xlsx,*.xlt,*.xltx,*.ppt,*.pptx,*.pps,*.pot,*.potx,*.dot,*.dot...	+
Graphic Files	*.jpg,*.jpeg,*.gif,*.png,*.bmp,*.tif,*.wmf,*.pcx,*.psd,*.ai,*.ico,*.nef	...
Media Files	*.avi,*.mpg,*.mpeg,*.wmv,*.flv,*.mov,*.mp4,*.mkv,*.3gp,*.vob,*.mp3,*.flac,*.wma,*.m4...	X
Compressed Files	*.zip,*.7z,*.rar,*.cab,*.jar,*.pak,*.gz,*.wim,*.kbz,*.kb7	↑
		↓

Servers: predefined SMTP, FTP server parameters. These server templates can be used everywhere in the program where you have to define a server.

Profiles

KLS Backup 2025

Profiles

KLS Backup 2025 stores your backup and synchronization settings in separate profiles. To create a new profile click **New Profile Wizard** in the **File** main menu. In the **New Profile** dialog you can select the profile type you want to use:

- **Backup**: creates a new backup set profile. A **Multi source** backup set can contain any number of backup items (sources). A **Single source** backup set has a single source folder and the files in the archive are stored without the full path.
- **Synchronization**: creates a new synchronization profile.
- **Cleanup**: creates a new cleanup profile.

Use the **Create empty profile** option if you do not want to continue with the wizard.

Click **OK** to create the profile.

Profile Groups

Profile Groups

KLS Backup 2025 uses **Profile Groups** to group profiles. Using Profile Groups allows you to run multiple profiles with a single click or scheduled task. A profile may belong to more than one Profile Group. The **All Profiles** group is always available and contains all the existing profiles.

Click **New Profile Group** from the **File menu** to show the **Profile Group Wizard**.

Profile Group Wizard

The **Profile Group Wizard** will help you create a new profile group.
To start the profile group wizard select **New Profile Group** from the File menu.

The **Profile Group Wizard** consists of 6 screens:

1. Profile group name

This screen allows you to set the **Name** and a **Comment** for the profile group. Use a descriptive name for the profile group, like: Daily Backup, My Work etc.

2. Profiles

The **Profiles** screen shows the list of available profiles. Check which profiles should be included in this group. The number of groups a profile belongs to is limitless. By default all profiles are part of the **All Profiles** group.

3. Backup type

A Profile Group allows you run multiple profiles with a single click or scheduled task. By default backup jobs are started using their default backup type. This screens allows you to override the default backup mode of the included backup sets.

4. Schedule

Profile Groups are scheduled like other profiles in KLS Backup 2025. For more information, see **Scheduling a Backup Job**.

5. Other options

After run: Turns off the computer or exits the program when all jobs are finished.

6. Finish

This is the last step in the profile group creation wizard.
Click **Finish** to save the profile group, or use the **Back** button to review your settings.

Backup

Backup Set Creation

Backup Set Wizard

The **Backup Set Wizard** will help you create a new backup set.
To start the backup wizard select **New Backup Set Wizard** from the File menu.

The **Backset Set Wizard** consists of 9 screens:
1. **Backup Set Name**
2. **Backup Items (Sources)**
3. **Backup Destination**
4. **Backup Type and Versions**
5. **Storage and Security**
6. **Logs and notifications**
7. **Pre/Post Actions**
8. **Other Options**

9. **Schedule**

Step 1: Start

<div style="background-color:#4472a8; color:white; padding:10px;">

KLS Backup 2025

</div>

Backup Set Name

The Backup Sets are identified by their names. This screen allows you to set the **Name** and a **Comment** for the profile group. Use a descriptive name for the backup set, like: My Emails, My Work etc.

- **Profile Name**: Type a name to be assigned to the backup set.
- **Comment**: Add a comment to the backup set.
- **Groups**: Select the **Profile Groups** to which this backup set should be added.
- **Default** check box: saves the current settings as the default for each new backup set.

Click **Next** to continue.

Step 2: Adding Backup Items

KLS Backup 2025

Backup Items (Sources)

This screen allows you to define what data you want to backup. The data you want to backup is defined by using **backup items**. A backup item defines the type, location and other options of the data you want to include in the backup.
KLS Backup supports the following backup item types:

- **Local/LAN Files and Folders**
- **Files and Folders on FTP Servers**
- **Files and Folders on WebDAV Servers**
- **Files and Folders in the Windows Azure Blob Storage**
- **Files and Folders in the Amazon S3 Storage**
- **Files and Folders in the OpenStack Object Storage**
- **Registry Keys**

A backup set may contain any number of backup items, and you must define at least one to continue with the next step.

Click **Search** to show the **File search** dialog. The File Search dialog allows you to search for files using a specified criteria. This tool is usefull when you want to backup a **static** set of files.

Most users don't know how to manually backup their files and registry keys. KLS Backup helps the backup set creation with **predefined backup items and backup item groups**. These include application settings, email client profiles, instant messenger client profiles, system settings. For more information, see **Application Profiles and Settings.**

Click **Add** to show the Add Backup Item dialog.
Click **Edit** to edit the selected backup item.
Click **Delete** to delete the selected backup item.

Using the Backup Item **Browser** you can easily add files and folders to your backup profile. Just click on a folder or file to include/exclude from the backup. Items marked with blue background represents backup items.

Name	Size	Type	Date
backup		Folder	2020-10-10 11:41:00 PM
archive_001.zip	4,316,781,312	Compressed (zipped) Folder	2020-04-25 6:11:00 PM
archive_002.zip	226,688,110	Compressed (zipped) Folder	2020-04-27 6:11:00 PM
archive_003.zip	599,992,892	Compressed (zipped) Folder	2020-05-04 6:12:00 PM
archive_004.zip	323,423,363	Compressed (zipped) Folder	2020-05-11 6:12:00 PM
archive_005.zip	233,394,556	Compressed (zipped) Folder	2020-05-18 6:11:00 PM
archive_006.zip	249,538,827	Compressed (zipped) Folder	2020-05-25 6:12:00 PM
archive_007.zip	3,627,069,354	Compressed (zipped) Folder	2020-06-01 6:12:00 PM
archive_008.zip	398,294,742	Compressed (zipped) Folder	2020-06-15 6:11:00 PM
archive_009.zip	869,159,650	Compressed (zipped) Folder	2020-06-29 6:16:00 PM
archive_010.zip	642,838,436	Compressed (zipped) Folder	2020-07-13 6:12:00 PM
archive_011.zip	284,126,084	Compressed (zipped) Folder	2020-08-10 6:12:00 PM
archive_012.zip	591,690,970	Compressed (zipped) Folder	2020-08-31 6:12:00 PM
archive_013.zip	247,101,614	Compressed (zipped) Folder	2020-09-07 6:12:00 PM
archive_014.zip	2,844,004,074	Compressed (zipped) Folder	2020-09-16 6:13:00 PM
archive_015.zip	675,761,695	Compressed (zipped) Folder	2020-09-21 6:13:00 PM
archive_016.zip	784,512,062	Compressed (zipped) Folder	2020-09-28 6:13:00 PM

Folder Browser   Show Files

Path: /backup

Click **Next** to continue.

Editing Backup Items

Local/LAN Files and Folders

Local/LAN Files and Folders are the most common backup item types.
In the **Path** group box click the button to show the Browse for Folder\File dialog, then select a folder or file you want to backup. If you want to backup additional folders or files you have to create a new backup item.

If you select a Folder for the backup item then the **Folder Settings** group box will contain additional options for the backup item:
- **Include Subfolders**: if checked subfolders are included.
- **Include Empty Subfolders**: if checked empty folders will be included in the backup.
- **Backup NTFS permissions**: if checked file and folder NTFS permissions (ACL) are included in the backup.
- **Filters**: by default the backup item will use the global profile filters. To set the filters for this backup item click the **Filters** button.

The **comment** edit box allows you to add a comment to the backup item. The comment will be displayed in the main window tree view.

Click **OK** to save the backup item.
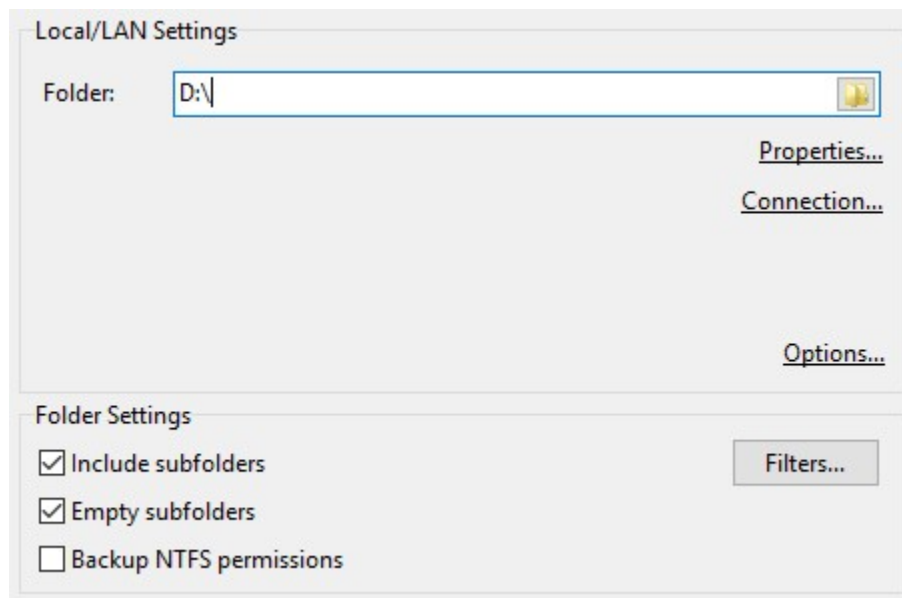
FTP Files and Folders

KLS Backup allows you to backup data from remote FTP sites.
The FTP site must be defined in the **FTP Server** group box.

Click the **Server** combo box to select a predefined FTP server. Select the **Custom** item to define a **new connection**.

In the **FTP Path** group box select **Folders** or **Files** then click the button to show the FTP Browser dialog.

Select a folder or file you want to backup and click OK.

If you select a Folder for the backup item the **Folder Settings** group box will contain additional options for the backup item:
- **Include Subfolders**: if checked subfolders are included
- **Filters**: by default the backup item will use the global profile filters. To set the filters for this backup item click the **Filters** button.

Click **OK** to save the backup item.

WebDAV Files and Folders

KLS Backup allows you to backup data from WebDAV sites.
The WebDAV site must be defined in the **WebDAV Server Settings** box.

Click the **Server** combo box to select a predefined WebDAV server. Select the **Custom** item to define a
new connection.

In the **Path** field click the button to show the WebDAV Browser dialog.
Select a folder or file you want to backup and click OK.

The **Folder Settings** group box will contain additional options for the backup item:
- **Include Subfolders**: if checked subfolders are included
- **Filters**: by default the backup item will use the global profile filters. To set the filters for this
  backup item click the **Filters** button.

The **comment** edit box allows you to add a comment for the backup item. The comment will be
displayed in the main window tree view.

Click **OK** to save the backup item.

Azure Files and Folders

KLS Backup allows you to backup data from the Windows Azure Blob Storage.
The Azure Blob Storage must be defined in the **Azure Storage Account Settings** box.

Click the **Server** combo box to select a predefined Azure Blob Storage account. Select the **Custom** item to define a **new connection**.

In the **Path** field click the button to show the Azure Browser dialog.
Select a folder or file you want to backup and click OK.

KLS Backup creates a virtual file system in the Azure Blob Storage. The delimiter "/" is used to separate folders and files.

The **Folder Settings** group box will contain additional options for the backup item:
- **Include Subfolders**: if checked subfolders are included
- **Filters**: by default the backup item will use the global profile filters. To set the filters for this backup item click the **Filters** button.

The **comment** edit box allows you to add a comment for the backup item. The comment will be displayed in the main window tree view.

Click **OK** to save the backup item.

Amazon S3 Files and Folders

KLS Backup allows you to backup data from the Amazon Simple Storage Service (Amazon S3 Storage). The Amazon S3 Storage must be defined in the **Amazon S3 Account Settings** box.

Click the **Server** combo box to select a predefined Amazon S3 Storage account. Select the **Custom** item to define a **new connection**.

In the **Path** field click the button to show the Amazon S3 Browser dialog.
Select a folder or file you want to backup and click OK.

KLS Backup creates a virtual file system in the Amazon S3 Storage. The delimiter "/" is used to separate folders and files.

The **Folder Settings** group box will contain additional options for the backup item:
- **Include Subfolders**: if checked subfolders are included
- **Filters**: by default the backup item will use the global profile filters. To set the filters for this backup item click the **Filters** button.

The **comment** edit box allows you to add a comment for the backup item. The comment will be displayed in the main window tree view.

Click **OK** to save the backup item.

OpenStack Object Storage Files and Folders

KLS Backup allows you to backup data from the OpenStack Object Storage.
The OpenStack Account must be defined in the **OpenStack Object Storage Settings** box.

Click the **Server** combo box to select a predefined OpenStack Storage account. Select the **Custom** item to define a new connection.

In the **Path** field click the button to show the OpenStack Browser dialog.
Select a folder or file you want to backup and click OK.

KLS Backup creates a virtual file system in the OpenStack Object Storage. The delimiter "/" is used to separate folders and files.

The **Folder Settings** group box will contain additional options for the backup item:
- **Include Subfolders**: if checked subfolders are included
- **Filters**: by default the backup item will use the global profile filters. To set the filters for this backup item click the **Filters** button.

The **comment** edit box allows you to add a comment for the backup item. The comment will be displayed in the main window tree view.

Click **OK** to save the backup item.

Registry Keys

Windows Registry is a database that contains the settings and options of your system. KLS Backup allows you to backup registry keys.

Enter the registry key in the **Registry key** edit box or click the button to show the browse registry dialog.

Select a key and click **OK**.

The **comment** edit box allows you to add a comment to the backup item. The comment will be displayed in the main window tree view.
Click **OK** to save the backup item.

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Backup Item Plugins

Sometimes is very hard to identify exactly which files we want to backup. Email clients, web browsers and other common programs stores their files in hidden or hard to find folders. KLS Backup helps the backup set creation with predefined backup items (**plugins**). These includes databases, application settings, email client profiles and system settings.

When you selected the plugin, check the items you wish to include in the backup set.
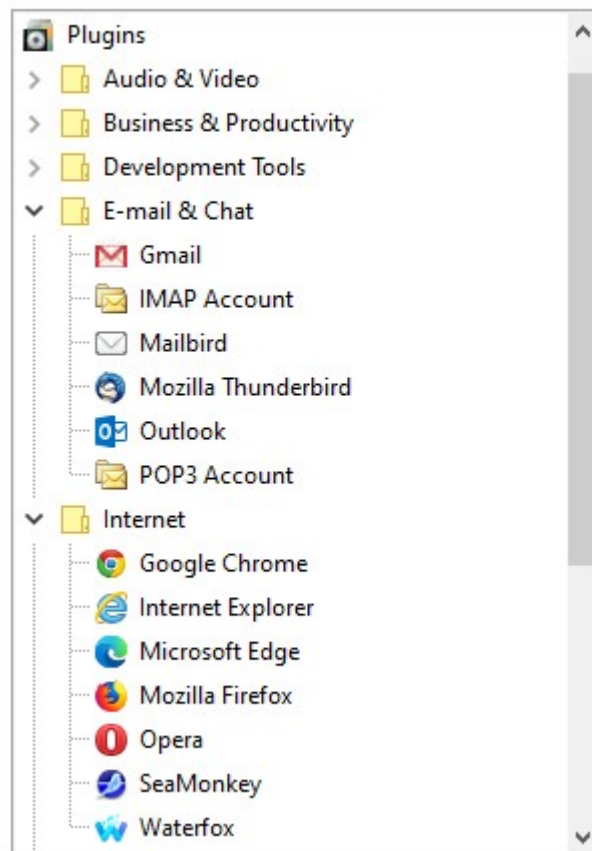
Click **Add&Close** to add the item and close the dialog.
Click **Add** to add the item and continue adding items.
Click **Close** the dialog, without adding the item.

SQL Server Database Backup

The **SQL Server** plugin allows you to backup and restore databases from local Microsoft SQL Server database servers. All SQL Server versions (2005-2012) are supported.

The SQL Server must be defined in the Server Properties group box.

Required parameters:
- **Server:** Name of the SQL Server instance to connect to
- **Authentication:** Two authentication modes are available: Windows Authentication and SQL Server Authentication. Windows Authentication mode allows a user to connect through a Windows user account. With the SQL Server Authentication the SQL Server performs the authentication itself.
- **User:** Username for the SQL Server access account (available if you have selected to connect using SQL Server Authentication).
- **Password:** SQL Server access account password (available if you have selected to connect using SQL Server Authentication).

Click the **Update** button to load the list of databases. You have to fill in the server parameters before this, because KLS Backup must connect to the database server to get database list.

The **Databases** list shows the databases from the current server. Check the databases you want to include in the backup.
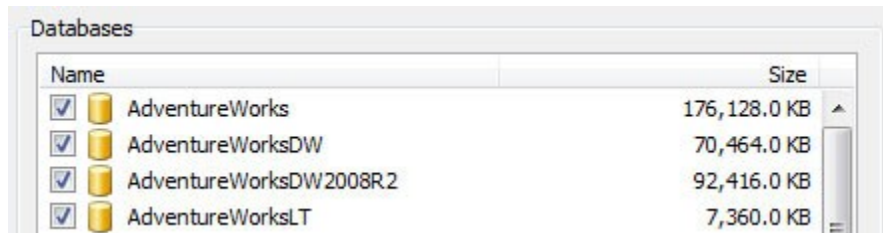
If **Include all databases** is checked then all existing databases will be included and all newly created databases will be included automatically.

The backup will create a full backup of the whole database.

MySQL Server Database Backup

The **MySQL Server** plugin allows you to backup and restore databases from local or remote MySQL database servers. All MySQL and MariaDB Server versions are supported.

The MySQL database must be defined in the Server Properties group box.

Required parameters:
- **Hostname:** Name or IP address of MySQL server
- **Port:** MySQL server port number (Default 3306)
- **Username:** Username for the MySQL access account
- **Password:** MySQL access account password

Click the **Update** button to load the list of databases and tables. You have to fill in the server parameters before this, because KLS Backup must connect to the database server to get database list.

The **Databases** list shows the databases and tables from the current server. Check the databases and tables you want to include in the backup.
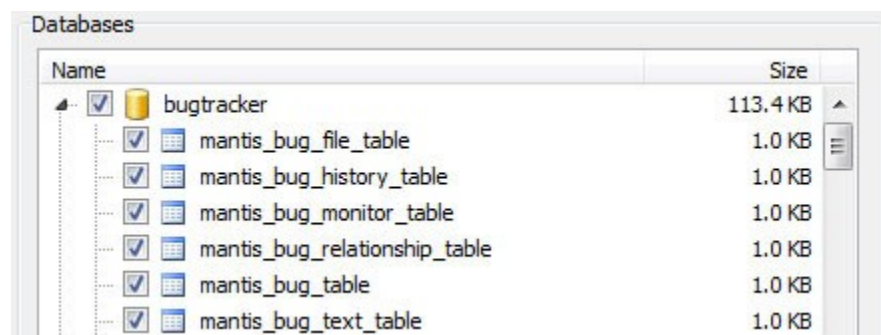
If **Include all databases** is checked then all existing databases and tables will be included and all newly created databases and tables will be included automatically.
If **Include all tables** is checked then all existing and all newly created tables from the selected databases will be included.

The backup will create SQL dumps of the MySQL tables.

POP3/IMAP Mailbox Backup

The POP3/IMAP Mailbox Backup Plugin allows you to backup your e-mails directly from remote POP3 and IMAP servers. The e-mails are stored into standard mailbox format (.msg).

This plugin supports the most common backup modes of KLS Backup (zip, 7z, FTP, CD/DVD, encryption), including incremental and differential backup of the selected mailbox.

Restoring the e-mails back to the POP3/IMAP server is not possible, but the files can be restored as normal files if the "Custom Restore Folder" is defined in the KLS Backup Restore Wizard.

Step 3: Setting the Backup Destination

KLS Backup 2025

Backup Destination

The **Primary Destination** location is the storage media path where created archives will be stored.

KLS Backup 2025 can backup to:

- **Local/LAN**
- **FTP**
- **WebDAV**
- **Windows Azure Blob Storage**
- **Amazon S3 Storage**
- **OpenStack Object Storage**
- **CD/DVD**

Select the storage media type from the **Primary Destination Location** list.

Secondary destination: with this option enabled the backup job will keep a secondary copy of the backup archive in a Local/Lan folder.
- **Keep a secondary copy**: enables the Secondary destination.
- **only if the primary destination failed**: if this option is selected the secondary destination is used only when the backup to primary destination failed. In this case the secondary destination is used as a temporary folder for the backup.
- **Path**: Local/Lan folder path of the secondary destination.

The **Backup File Name** will be the name of the archives created with the backup set. A suffix will be added to the end of the backup filename.

Click **Next** to continue.

Backup Destinations

Backup to Local/LAN folder

Enter the path of the backup destionation in the **Path** edit box or click the button to show the Browse for Folder dialog, then select a folder to which you want to backup.

When backing up to a network share, it is recommended to enable the **Use the temporary folder for compression** option. KLS Backup will use the local temporary folder to create the compressed archive, then will copy the files to remote destination.
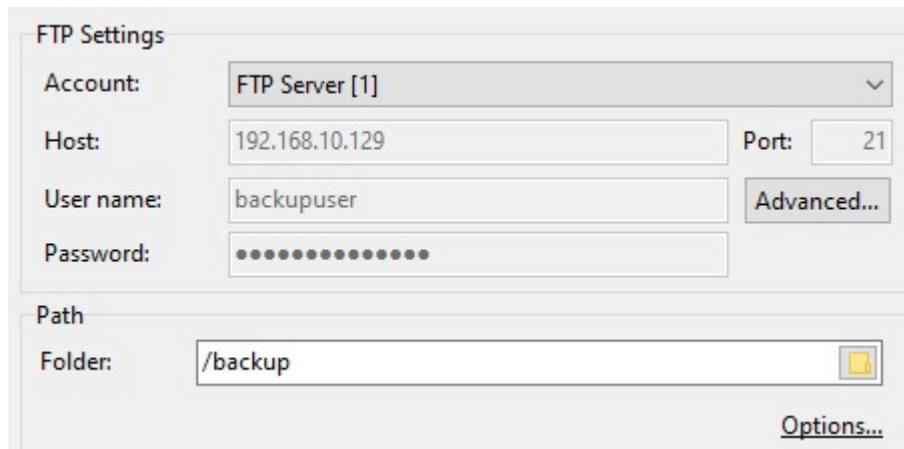
Local/LAN Settings.

Backup to FTP

KLS Backup allows you to backup data to the remote FTP sites.
The FTP site must be defined in the **FTP Server** group box.

Click the **Server** combo box to select a predefined FTP server. Select the **Custom** item to define a **new connection**.

Path: path to the directory on the FTP server

Backup to WebDAV

KLS Backup allows you to backup data to WebDAV folders.
The WebDAV site must be defined in the **WebDAV Server Settings** box.

Click the **Server** combo box to select a predefined WebDAV server. Select the **Custom** item to define a **new connection**.

In the **Path** field click the button to show the WebDAV Browser dialog.

Backup to Windows Azure

KLS Backup allows you to backup data to the Windows Azure Blob Storage.
The Azure Blob Storage must be defined in the **Azure Storage Account Settings** box.

Click the **Server** combo box to select a predefined Azure Blob Storage account. Select the **Custom** item to define a **new connection**.

In the **Path** field click the button to show the Azure Browser dialog.

KLS Backup creates a virtual file system in the Azure Blob Storage. The delimiter "/" is used to separate folders and files.

Backup to Amazon S3

KLS Backup allows you to backup data to the Amazon Simple Storage Service (Amazon S3 Storage).
The Amazon S3 Storage must be defined in the **Amazon S3 Account Settings** box.

Click the **Server** combo box to select a predefined Amazon S3 Storage account. Select the **Custom** item to define a **new connection**.

In the **Path** field click the button to show the Amazon S3 Browser dialog.

KLS Backup creates a virtual file system in the Amazon S3 Storage. The delimiter "/" is used to separate folders and files.

Backup to OpenStack Object Storage

KLS Backup allows you to backup data to the OpenStack Object Storage.
The OpenStack Account must be defined in the **OpenStack Object Storage Settings** box.

Click the **Server** combo box to select a predefined OpenStack Storage account. Select the **Custom** item to define a new connection.

In the **Path** field click the button to show the OpenStack Browser dialog.

KLS Backup creates a virtual file system in the OpenStack Object Storage. The delimiter "/" is used to separate folders and files.

KLS Backup 2025

Backup to Eucalyptus Walrus Storage

KLS Backup allows you to backup data to the Eucalyptus Walrus Storage.
The Walrus Storage must be defined in the **Walrus Account Settings** box.

Click the **Server** combo box to select a predefined Walrus Storage account. Select the **Custom** item to define a **new connection**.

In the **Path** field click the button to show the Walrus Browser dialog.

KLS Backup creates a virtual file system in the Walrus Storage. The delimiter "/" is used to separate folders and files.

Backup to CD/DVD media

KLS Backup 2025 can backup to CD/DVD media (DVD±RW/DVD±R/DVD-RAM/CD-R/CD-RW) using the built-in CD/DVD burner engine.
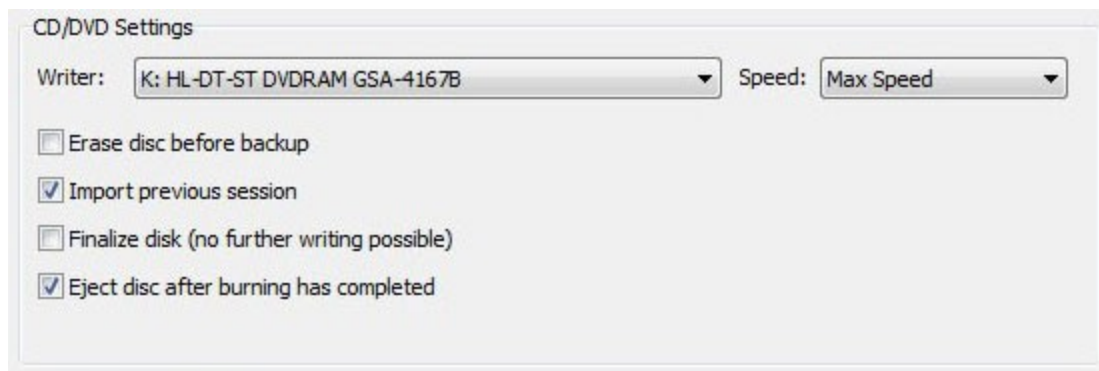
CD/DVD Settings:
- **Erase disc before backup**: KLS Backup automatically erases the disc before writing.
- **Import previous session**: if the CD/dvd contains more than one session, the last session is imported. This option is disabled if the Erase disc option was selected.
- **Finalize disc (no further writing possible)**: close the CD/DVD media, further writing to it is not possible.
- **Eject disc after burning has completed**: KLS Backup automatically ejects the disc after writing.

Step 4: Settings the Backup Mode

KLS Backup 2025

Backup Type and Versions

This screen allows you to define how the backup will be performed.

Backup type: KLS Backup supports the most common backup types
- **Full backup**: KLS Backup will backup all files on every backup operation.
- **Incremental backup**: KLS Backup will backup only the files that have been changed since the last backup operation.
- **Differential backup**: KLS Backup will backup only the files that have been changed since the last full backup operation.

For more informtion, see **Running Backup Jobs**.

An incremental or differential backup will backup only the files that have been changed since the last incremental or full backup operation. KLS Backup offers two methods to detect if a file has been changed or not:
- Based on date modified: The last date and time when the file was modified. If selected, only files with changed Last Modified property will be added.
- Based on archive bit: Archive bit file attribute is set or not. If selected, only files with Archive bit file attribute set will be added.

File Options:
- **Full backup - Reset archive bit**: If checked, the Archive bit file attribute of all the files that have been successfully backed up will be cleared. This option is useful when there are other programs that use the archive bit to see if the file was modified since the last backup.
- **Incremental backup - Based on date**: File modification check based on file Last Modified date.
- **Incremental backup - Based on archive bit**: File modification check based on Archive bit file attribute.
- **Incremental backup - Reset archive bit**: If checked, the Archive bit file attribute of all the files that have been successfully backed up will be cleared. If Based on archive bit is selected, this box is checked and disabled.
- **Differential backup - Based on date**: File modification check based on file Last Modified date.
- **Differential backup - Based on archive bit**: File modification check based on Archive bit file attribute.
- **Differential backup - Reset archive bit**: If checked, the Archive bit file attribute of all the files that have been successfully backed up will be cleared. If Based on archive bit is selected, this box is unchecked and disabled.
- **Limit number of increments**: When increment or differential backup is used, it is possible to automatically switch to full backup after a specific number of increments. If checked the backup job will run X number of times as incremental/differential then perform a new full backup.

KLS Backup 2025 maintains a library which contains a history of backup jobs and the files of each backup run. This catalog contains information on every file in the archive. Users can easily restore any version of the archive with the **Restore Wizard**. This catalog is mandatory for incremental and differential backups.
The catalog is saved to the backup set target directory, with extension acd. Do not delete this file!

On every backup the program will create a new archive in the target directory with a new unique filename.
The file name of the archive will be: Backup filename + [SUFFIX] + [COUNTER].[EXTENSION].
The **Suffix** field allows you to define the suffix. The suffix is a combination of variables listed in the **Variables** dialog.

Ex.1: Backup filename is **mywork_** suffix is **DATE_FULL2** then KLS Backup can create the following archives:
- mywork_2025-01-21.zip
- mywork_2025-01-22.zip
- mywork_2025-01-22[2].zip //a counter is used because mywork_2025-01-22.zip already exists
- mywork_2025-01-22[3].zip
- mywork_2025-01-23.zip

Ex.2: Backup filename is **mywork** suffix is empty then KLS Backup can create the following archives:
- mywork.zip
- mywork[2].zip
- mywork[3].zip
- mywork[4].zip

If version managment is disabled the archive name will always be: Backup filename.[EXTENSION] and if the archive already exists then it will be deleted.

Versions:
- **Manage versions**: Enables/disables version managment.
- **Format**: Defines the suffix format.
- **Delete target folder/archive**: Deletes destination files.
- **Delete archives**: automatically deletes old archives
- **Keep only last**: choose the number of archives to keep
- **Keep for a period of X days**: deletes any archive older than X days

Note: Each full backup archive and its subsequent increments are treated as one archive.
Click **Next** to continue.

Step 5: Compression and Security

KLS Backup 2025

Storage and Security

KLS Backup supports standard Zip/Zip64, 7-Zip and SQX compression.

Storage:
- **Compress source into a single archive**: Creates a compressed archive.
- **Copy source to destination**: Copies the sources to destination. This method is useful if you want to access the archives manually.

Compression:
- **ZIP**: KLS Backup uses standard zip format to compress data. The main advantages of zip format are: high speed, good compression, compatible with third-party applications.
- **7-Zip**: KLS Backup uses the 7z format to compress data. The main advantages of 7z format are: very good compression, 256-bit AES and archive header (file and folder names) encryption.
- **SQX**: KLS Backup uses SQX archive format to compress data. The main advantages of this format are: high compression ratio and archive header encryption.
- **Compress each file into a separate ZIP archive and Copy to destination**: Each source file is compressed and copied to destination.
- **Compress each file into a separate 7-Zip archive and Copy to destination**: Each source file is compressed and copied to destination.
- **Compress each file into a separate SQX archive and Copy to destination**: Each source file is compressed and copied to destination.
- **Encrypt each file and Copy to destination**: Each source file is encrypted and copied to destination.
- **Flat Copy**: Copies the files to destination without compression.

Compression options:
- **Compression Quality**: There are 5 levels of compression (from no compression to best compression) from which you can choose the one you need. Recommended compression level is Normal.
- **Extension**: Extension of the archive. Default value is **zip**, **sqx** and **7z** , but you can change to **klb** to make difference between KLS Backup archives and other zip or sqx files.
- **Disk spanning**: determines how the archive will be spanned. Select a predefined volume size of select custom to specify a custom volume size.
- **Volume size**: size of the volumes for archive spanning.

Security:
- **Encrypt archive**: Password protection can be added; this will offer a moderate security for compressed archives. Files in zip can be extracted with third party zip managers if the user enters the same password as in KLS Backup.
- **Password**: Type the password you want.
- **Re-enter password**: Confirm the password by typing again.

Archive Options:
- **Put each archive in a separate subdirectory**: creates a subdirectory for each archive, the name of directory is the archive name. This option mandatory for multi volume archives.
- **Use the temporary folder for compression**: the compressed archive is created in the temporary folder and copied to the destination. When backing up to LAN folders, it is recommended to enable this option.
- **Encrypt archive catalog**: encrypts the archive catalog using the 256-bit AES encryption.
- **Save archive catalog into a separate file**: this option is recommended for big (>2GB) archives.
- **Test archive integrity**: Enables the archive integrity test. If errors found during test operation the backup job will be aborted.

Click **Next** to continue.

Step 6: Logs and Notifications

KLS Backup 2025

Backup Logs

Log files can be useful for checking errors. Log files will be generated during the backup process and will be displayed in the backup progress window.

Log Content can have three different levels:
- **Summary**: contains only major steps in the backup process.
- **Detailed**: logs are more detailed, like: connection to ftp server, many minor steps to prepare the backup archive.
- **Log all files**: all backed up files are included in the log. Warning: if you have thousands of files to backup the log file will grow in size.
- **Do not include skipped files**: files skipped during incremental or differential backup are not included in the log.
- **FTP Messages**: messages created by FTP client/server are included in the log.

HTML Format: The log file is a text file, with the file name of the created archive and 'txt' extension. Check this options to create a html formatted log. Extension of the HTML log is 'html'.

To save the log file somewhere select one or more of the following options:
- **Target location:** saves the log file to the backup set target folder.
- **Folder**: saves the logfile to the specified target directory.
- **Mail:** sends the log file to the specified email address. Complete the SMTP group box fields manually or click the **SMTP Server** edit box button to select a predefined SMTP server. To test data accuracy click the **Send test message** button; this will try to send an email using the data from the fields you completed.

System Logs:

Windows Event Viewer logging: major backup progress events will be added to the system application event log:
- backup start
- backup success
- backup error.

Click **Next** to continue.

Step 7: User Defined Actions

Backup Actions

You can define group of actions that will be executed by KLS Backup in certain cases.
- **Actions Before Run**: actions executed before the backup process.
- **Actions After Run**: actions executed after the backup process.
- **Actions On Error** : actions executed if a critical error found, and the backup process failed.
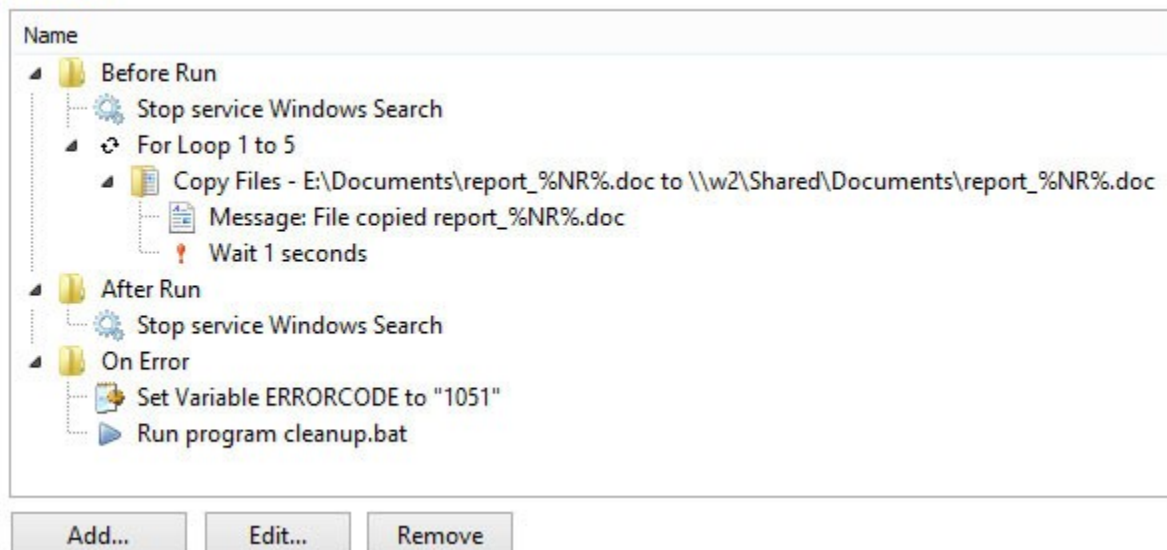
Use the buttons to **add** (+) a new action or **edit** (…), **delete** (X), **move up** (U), **move down** (D) the selected action.

Comment: Type a comment to be assigned to backup set. The comment size is not limited, but it is recommended that comments less longer than 10 lines should be used.

Click **Next** to continue.

Step 8: Other Options

Backup Options

KLS Backup runs the backup/restore operations in threads separated from the application's main thread. Each backup set can have different thread priority. The **Backup thread priority** section allows you to set the thread priority for the current backup set. The recommended setting is **Normal**.

Use a separate temporary location: each job can use an optional separate temporary location. Enter the path of the temporary location in the **Temporary Folder** edit box.

Use the Volume Shadow Copy Service to copy open files: KLS Backup can use the Volume Shadow Copy Service to backup files opened (locked) by another program. These includes: Outlook data files (pst), mailbox files, databases and files used by Windows. Use the **Test** button to verify the availability of the Volume Shadow Copy Service on your system.

After run:
- **Exit Program**: if checked the program will exit when all jobs are finished
- **Shut Down Windows** : if checked the program will shut down the system when all jobs are finished
- **Hibernate** : if checked the program will hibernate the system when all jobs are finished (Windows XP only)
- **Stand by** : if checked the syetem will enter in stand by mode when all jobs are finished
- **Log Off** : if checked the program will log off the current user when all jobs are finished

Click **Next** to continue.

Step 9: Schedule

Scheduling a Backup Job

KLS Backup 2025 uses the integrated Backup Scheduler Engine or the Windows Scheduled Tasks agent to schedule unattended backup jobs.

To schedule a backup job click **Schedule** on the Backup Set Properties dialog or select **Schedule Job** from the Tasks menu.

- **Create New Schedule**: creates a new scheduled task
- **Edit Schedule**: shows the Scheduled Task properties dialog
- **Delete Schedule**: deletes the selected Scheduled Task
- **Service Manager**: show the **Service Manager** dialog. Scheduled Tasks created using the KLS Backup Scheduler works only if the **KLS Backup Service** is running.

Select the Scheduler you want to use. KLS Backup Scheduler is recommended for backup jobs running while the windows user is logged off. The **Task type** box allows you to overwrite the default backup mode.

Click **OK** to create the Scheduled Task. The **Schedule** screen displays information about the current schedule.

You can view all scheduled backup jobs in the **Schedules** view of the main form.

Right click on a task to show the **popup menu**.

Right click on the header to show the Header context menu. Use this menu to enable/disable columns.

Use the right mouse button to show the Schedules context menu.
- **Edit**: Shows the schedule dialog fro the selected task
- **Delete**: Deletes the selected task
- **Run**: Runs the selected task

- **Refresh**: Refreshes the schedule list

Finish

KLS Backup 2025

Saving the Backup set

This is the last step in the backup set creation wizard. The **Summary** panel displays the list of options you selected for the backup set.

Check the **Run profile** box to run the profile after the wizard is finished. Use **Simulated Run** to run the profile in simulated mode.
Check the **Run wizard once again** to create a new profile.

Completing the New Profile Wizard

You have set all properties of the new profile.
Click Finish to create the profile.

☑ Run profile
 ☐ Simulated Run

☐ Run wizard once again

Click **Finish** to save the backup set, or use the **Back** button to review your settings.

Running Backup Jobs

There are many ways to start a backup job:
- Click **Run** on the toolbar to execute the currently opened backup set.
- Click **Run** on the **Backup Sets popup menu** to execute the selected backup set.
- Click **Run** on the **Scheduled Tasks popup menu** to execute the selected backup set.

The **Backup Progress Window** displays the status of the backup job:
- **Time elapsed**: Time elapsed since the job start.
- **Total Files**: Total files in the archive.
- **Total Size**: Total size of the archive.
- **Total Progress**: Total job progress.
- **Current File Progress**: Current file name and progress.

Available commands:
- **Stop**: Aborts the backup job.
- **Pause/Resume**: Pauses/Resumes the backup job.
- **Hide**: Hides the progress windows. The backup job will continue in the background. You can restore the progress window from the **Running Jobs Show** popup menu.
- **Show/Hide Details**: Shows/Hides the backup job log.
- **Always on Top**: If checked the progress window will stay over the main form.

KLS Backup is a multi-threaded application that executes backup/restore jobs in the background.

The **Running Jobs** view lists the backup/restore jobs started in the current session.
- **Backup Set**: Name of the backup set.
- **Progress**: Job progress.
- **Elapsed Time**: Elapsed time since the job start.
- **Status**: Status of the Job.

If the job has been finished with an error, it is displayed with red font color.

Name	Type	Start Time	Progress	Status
Client 2				
Network	Backup	2020-10-12 8:00:00 AM	100%	Finished - 2020-10-12 9:11:31 AM
Network	Backup	2020-10-12 9:30:00 AM	61%	Running

Right click on the header to show the Header context menu. Use this menu to enable/disable columns.

Use the right mouse button to show the Running Jobs context menu.

- **Show**: Shows the selected job progress window.
- **Pause**: Pauses the selected job.

- **Resume**: Resumes the selected job.

- **Clear Completed**: Removes the completed job from the list.

Managing Archives

KLS Backup 2025 maintains a library which contains a history of backup jobs and the files of each backup run. The items of the library are called archives. An archive is created after every backup run. This feature offers a clear view over the backup set history, and allows you to keep track of file versions.

Each backup set has its own archive library. The archive library of the selected backup set is displayed in the **Archive List** panel.

The content of the selected archive is shown in the **Archive Content** panel.

This panel allows you to view, delete or export your archives. You can delete an archive using the **Delete** menu. Warning: if the deleted archive is part of an incremental or differential backup, all archives based on it will also be deleted.

KLS Backup 2025 is designed for professional users, who need frequent backups. The best location for frequent backups is a local disc or LAN location. To get additional data security, it is recommended that the backup should be stored on a different media (**CD/DVD** or **FTP server**) from time to time.

Search Archives

The seach archives screen allows you to search for a file within the backup set archives.

Archive: select the archive you want to search, or select <ALL> to search in all archives associated with the current backup set.

Search for: the search mask for the files you want to find.

Advanced: advanced search options, usefull when file name is not known.

Click **Search** to start the search process.

Note: This may take a few minutes if your archives are located on a remote FTP server, because KLS Backup 2025 must download the archive catalog of the selected archives.

The **Search results** shows a list of all files found in the current search operation.

You can select a file from the Search results list and perform a **View**, **Execute** or **Restore** operation.

Cleanup

Cleanup Wizard

The cleanup feature allows you to erase files, folders and registry keys from the Windows operating system.
To start the cleanup wizard select **New Cleanup Set Wizard** from the **File** menu.

The **Cleanupset Set Wizard** consists of 9 screens. These screens are the same as the Backup Set Wizard screens.

1. **Cleanup set title and group**

2. **Cleanup items**
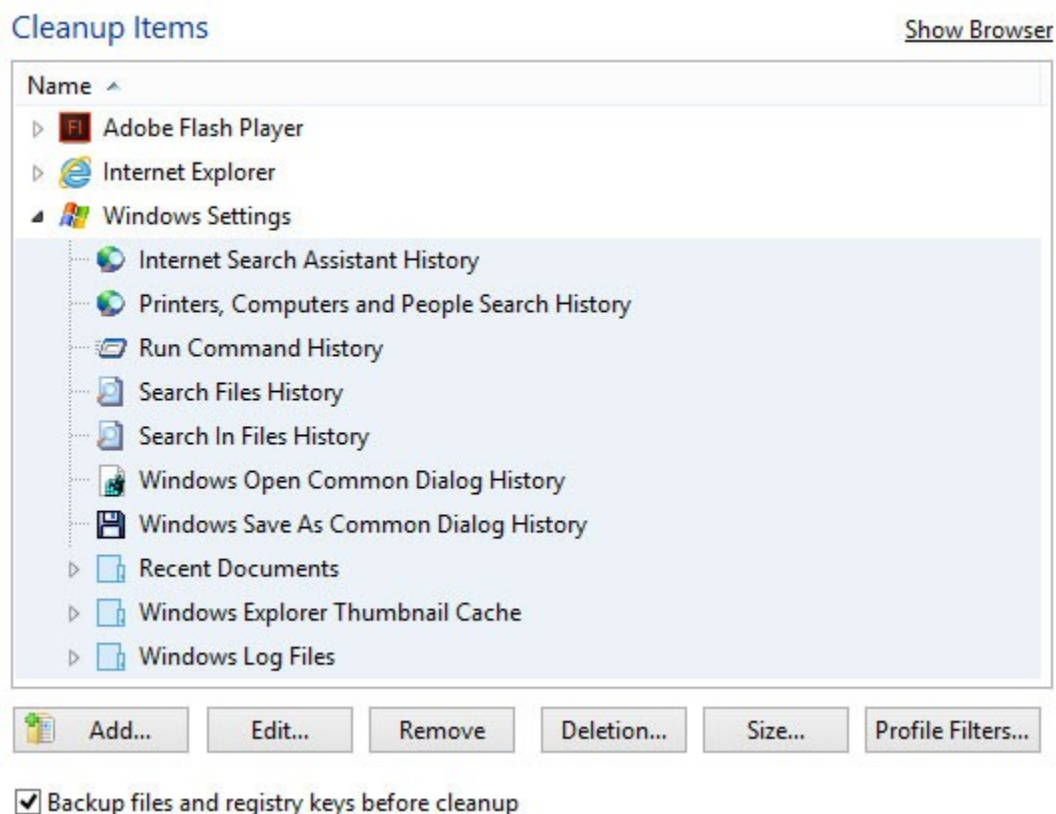
The cleanup wizard allows you to cleanup your windows system, erase sensitive data and recover valuable disk space. Files and registry keys are permanently deleted and are unrecoverable. Sometimes you may want to restore your erased data later. This can happen when you accidentally erase an important file, folder or registry key and you don't have a backup copy. The **Backup files and registry keys before cleanup** option enables the backup feature of the cleanup wizard. Your data will be backed up before cleanup, and the cleanup set will be threated as a normal backup set.

3. **Backup target and backup name**

4. **Backup mode**

5. **Compression and security**

6. **Logs and notifications**

7. **Actions**

8. **Other options**

9. **Schedule**

Restore

Restore

The **Restore Wizard** will help you to restore an archive. You can restore any archive listed in the **Archive library**. To open the Restore Wizard click **Restore Current Archive** in the **Tasks** main menu or right click on an archive and click **Restore** in the popup menu.

The Restore Wizard consists of 2 screens:
- **What data to restore**
- **Where to restore**

After you finish the Restore Wizard, the restore process will begin. KLS Backup runs restore jobs in threads separated from the application's main thread. You can see the status of the restore job in the **Restore Progress** window.

Selecting What to Restore

The first screen shows the archive content and allows you to select which files and items you want to restore. A checked item means that the item is selected with all its contents, the empty check box means that the item will not be restored. A gray check box means that some but not all of the item's contents have been selected. If you want to restore the whole archive then make sure the top level item (archive title) is checked.

When you finished selecting the items click **Next** to **continue**.
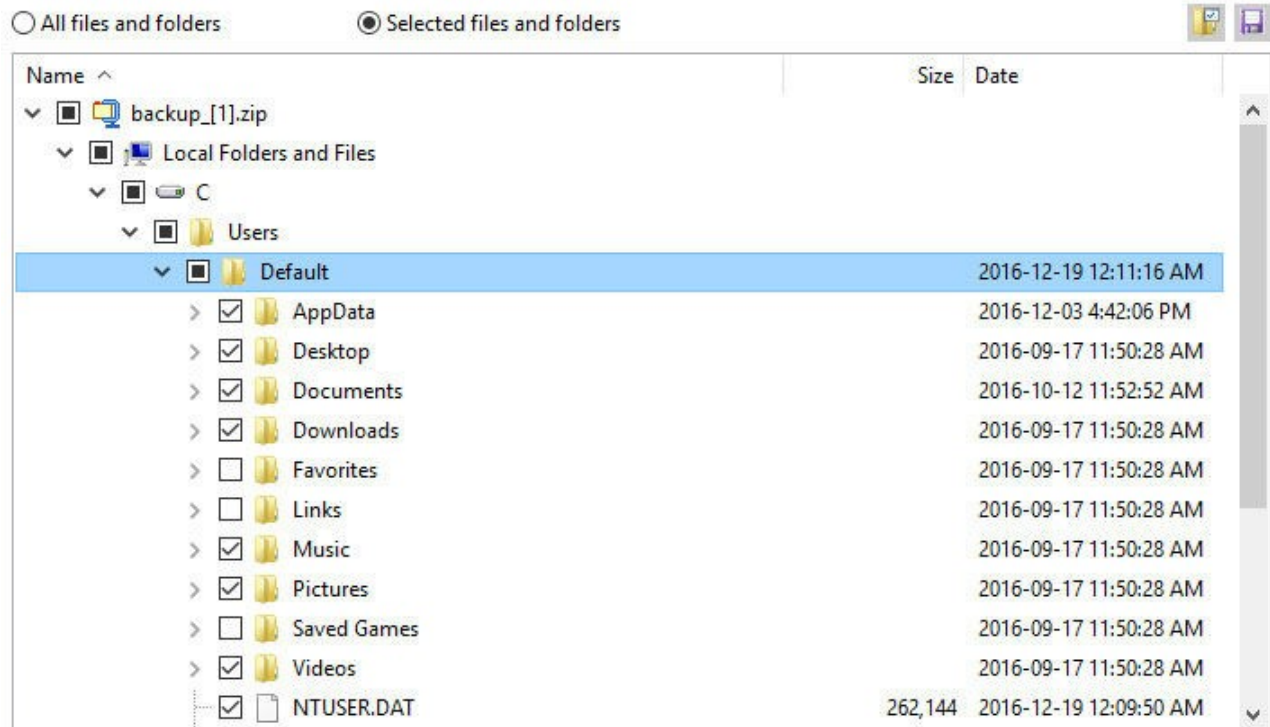
Selecting Where to Restore

The second Restore Wizard page allows you to specify where you want to restore the selected items. There are two major options:
- restoring items to their original location
- restoring items to a custom, user defined location.

If **Custom Folder** is selected the items will be restored to this custom folder:
- **Local files**: local files will be restored to the Custom Folder. The drive part of the path will have the following form: $[DRIVELETTER].

  Ex. if you have the file C:\MyFolder\document.doc in the archive and the Custom restore folder is set to C:\Restore then the restored file will be: C:\Restore\[ARCHIVENAME]\ $C\MyFolder\document.doc

- **Network files**: network files will be restored to the Custom Folder. The server/sharename part of the path will have the following form: $Network\$$[SERVERNAME]\[SHARENAME].

  Ex. if you have the file \\Work\Shared\SubFolder\document.doc in the archive and the Custom restore folder is set to C:\Restore then the restored file will be: C:\Restore\[ARCHIVENAME]\ $Network\$$Boss\Work\SubFolder\document.doc
- **FTP and WebDAV files**: FTP and WebDAV files will be restored to the Custom Folder. The server part of the path will have the following form: $Ftp\$[SERVERNAME] or $WebDAV\$ [SERVERNAME].

  Ex. if you have the file ftp://ftp.myhost.com/Folder/document.doc in the archive and the Custom restore folder is set to C:\Restore then the restored file will be: C:\Restore\[ARCHIVENAME]\ $FTP\ftp.myhost.com\Folder\document.doc

Use the **Restore files without folder paths** to have all the restored files in a single directory.

To restore registry keys to a custom location select **Custom Key** in the **Restore registry entries** group box. You must specify a registry key as the root for registry restore operation.
Ex. if you have the registry key HKEY_CURRENT_USER\Control Panel\Accessibility in the archive and the Custom key is set to HKEY_CURRENT_USER\temp the restore key will look like HKEY_CURRENT_USER\temp\HKEY_CURRENT_USER\Control Panel\Accessibility.
 These custom restore modes are usefull for advanced users, who wants to use, test or examine the archived data without restoring to its original location.

The **Security** box includes the option to **Restore NTFS permissions**. This options is visible only if the archive contains folders created with the **Backup NTFS permissions** option enabled.

The next group box allows the user to specify how to handle existing files:
- **Do not replace:** existing files are never replaced
- **Replace only if the file older:** refresh the target files with new files found in the archive, and overwrite old ones
- **Always replace:** replace all the files

The **Info** group box displays information about the archive content:
- Number and size of the files selected for restore
- Number and size of the files not selected for restore.

Click **Restore** to start the restore process.

Synchronize

KLS Backup 2025

Synchronization Wizard

The synchronization feature allows you to easily synchronize the contents of two different folders. KLS Backup 2025 can synchronize any number of files and directories, located on local disks, network location or FTP server.

Files will be synchronised between the source and the destination. You can use the following combinations:

Source	Destination
Local/network folder	Local/network folder
Local/network folder	Zip archive
Local/network folder	FTP/SFTP folder
Local/network folder	Cloud Storage folder

The Synchronization Wizard will help you create a new backup set.
To start the backup wizard select **New Synchronization Set Wizard** from the **File** menu.

The Synchronization Set Wizard consists of 5 screens:
1. **Synchronization set title and group** : This screen allows you to select a group and a filename for the synchronization set.
2. **Synchronization items**: This screen allows you to define what folders you want to synchronize.
3. **Logs and notifications** : Log settings, see **Backup Log** for more details.
4. **Other options** : External programs and job thread priority, see **Backup Options** for more details.
5. **Summary screen and save** : This is the last step in the synchronization set creation wizard. The **Summary** panel displays the list of options you selected for the synchronization set.

Editing Synchronization Items

The data you want to synchronize is defined using **synchronization items**. A synchronization item defines the location and other options of the folders you want to synchronize. A synchronization set can contain any number of synchronization items.

This dialog allows you to define a synchronization item. First choose the folders you want to synchronize. Like for the backup sets, you can use filters to include/exclude certain files. Check **Override project filters**, and use the Filters dialog, to set the file masks. Check **Subfolders** to synchronize subfolders.

Synchronization rules:

Left -> Right (Main -> Mirror):
- **Update existing files in mirror folder**: updates the files in the right side if the update policy is true
- **Copy files which don't exists in mirror folder**: copies files from left to right
- **Delete file which don't exists in mirror folder**: deletes files from the left side, which don't exist in the right side

Right -> Left (Mirror - > Main):
- **Update existing files in main folder**: updates the files in the left side if the update policy is true
- **Copy files which don't exists in main folder**: copies files from right to left
- **Delete file which don't exists in main folder**: deletes files from the right side, which don't exist in the left side

Update policy: specifies the action on synchronizing two files with the same name
- **Copy newer**: older files will be replaced with newer ones
- **Copy older**: newer files will be replaced with older ones
- **Copy larger**: smaller files will be replaced with larger ones
- **Copy smaller**: larger files will be replaced with smaller ones
- **Always copy from left to right**: source file overwrites destination file
- **Always copy from right to left**: destination file overwrites source file

The preview list, shows how the synchronization will be performed.
The **symbol** in the middle represents the action used for the file:
- **X** : the file will be deleted
- **>** : file copy from left to right
- **<** : file copy from right to left
- **=** : files are the same, no action
- **?** : files are different, but no action is selected

Click **Compare** to compare the folders again, or check **Auto Update** to compare the folders automatically when the options are changed.

Press **OK** to save the synchronization item and close the dialog.

Storage Locations

Predefined Storage Locations

Predefined Storage Locations are user defined variables, indentifying storage media properties and paths. They simplify the work of managing multiple backup destinations. The storage media is a Local/Lan location, FTP server or a CD/DVD.

To create or edit a Storage Location go to **Options**, **Storage Location** page and click:
- **Add (+)**: to show the Create Storage Location dialog.
- **Edit (...)**: to show the Edit Storage Location dialog.
- **Delete (X)**: delete the Storage Location from the list.
- **Move Up (U)**: move up the Storage Location in the list.
- **Move Down (D)**: move down the Storage Location in the list.

Name	Type
Backup Server 1	Local/Network/Removable
Backup Server 2	Local/Network/Removable
Backup Server 3	Local/Network/Removable
Azure Backup	Microsoft Azure
Google Cloud	Google Cloud Storage
S3 Storage	Amazon S3
FTP Server	FTP

Use the **Storage Location** dialog to define the properties:
- **Name**: Storage Locations are identified by their name. Use a descriptive name, like: My Backups, My FTP Server etc.
- **Location**: Storage media type.
- **Settings**: Storage media properties.

A Backup profile can use a Storage Location as primary destination.

Storage Location   ✕

Name: | Backup Server 1 |

Location: | 🖥 Local/Network/Removable ⌄ |

Location Settings

Folder: | \\192.168.132.1\backup   🟨 |

Properties...

Connection...

🟩 Free Space: 715.20 GB

OK   Cancel

Local/LAN

Local/LAN Folder is the most common backup source and destination. KLS Backup can backup to/from and synchronize folders located on a local hard disk, usb drive or network (shared folder).

By default KLS Backup will try to connect to shared folders using the current user credentials. You can use the **Network Connection** dialog to specify different user credentials to connect to a network resource.

Note: KLS Backup supports mounted drives, however it is highly recommended to use the UNC path for the mounted drives as well.

Use the **Speed Limits** options page to customize the backup speed for Local and LAN locations. You might want to limit the backup speed when other higher priority applications must use the network bandwith or CPU.

FTP

KLS Backup allows you to backup data to/from the remote FTP sites.
The FTP site must be defined in the **FTP Server** group box.

Required parameters:
- **Host**: Name or IP address of the FTP server
- **Port**: FTP server port number (Default 21)
- **Username**: Username for the FTP access account
- **Password**: FTP access account password
- **Advanced**: advanced FTP settings

Click the **Server** combo box to select a predefined FTP server.

 In the **FTP Path** group box select **Folders** or **Files** then click the button to show the FTP Browser dialog.

Select a folder or file and click OK.

WebDAV

KLS Backup allows you to backup data to/from the remote WebDAV sites.
The WebDAV site must be defined in the **WebDAV Server Settings** box.

Required parameters:
- **URL**: WebDAV server URL
- **User name**: User name for the WebDAV access account
- **Password**: WebDAV access account password
- **Advanced**: connection time-out, speed limit and proxy settings

Click the **Server** combo box to select a predefined WebDAV server.

In the **Path** field click the button to show the WebDAV Browser dialog.
Select a folder or file and click OK.

Windows Azure

KLS Backup allows you to backup data to/from the Windows Azure Blob Storage.
The Azure Blob Storage must be defined in the **Azure Storage Account Settings** box.

Required parameters:
- **Service URL**: Windows Azure Blob Storage endpoint URL. The default service URL is "https://[accountname].blob.core.windows.net".
- **Account name**: name of the Azure Storage Account
- **Account key**: the secret key associated with the account
- **Advanced**: connection time-out, speed limit and proxy settings

Click the **Server** combo box to select a predefined Azure Blob Storage account.

In the **Path** field click the button to show the Azure Browser dialog.
Select a folder or file and click OK.

KLS Backup creates a virtual file system in the Azure Blob Storage. The delimiter "/" is used to separate folders and files.

Amazon S3

KLS Backup allows you to backup data to/from the Amazon Simple Storage Service (Amazon S3 Storage).
The Amazon S3 Storage must be defined in the **Amazon S3 Account Settings** box.

Required parameters:
- **Service URL**: S3 Storage endpoint URL. The default service URL is "https://s3.amazonaws.com".
- **Access Key ID**: the Access Key ID associated with the AWS account
- **Secret key**: the secret access key associated with the AWS account
- **Display name**: any arbitrary name to identify the account
- **Advanced**: connection time-out, speed limit and proxy settings

Click the **Server** combo box to select a predefined Amazon S3 Storage account.

In the **Path** field click the button to show the Amazon S3 Browser dialog.
Select a folder or file and click OK.

KLS Backup creates a virtual file system in the Amazon S3 Storage. The delimiter "/" is used to separate folders and files.

OneDrive

KLS Backup allows you to backup data to the Microsoft OneDrive.
The OneDrive account must be defined in the **Account Settings** box.

Required parameters:
- **Email**: name of the OneDrive Account
- **Authorization**: OneDrive uses OAuth 2.0 authorization. You must authorize KLS Backup to access your OneDrive files.

Click **OK** to save the settings.

Advanced features

KLS Backup 2025

Backup Service

The Backup Service runs in the background as a windows service. KLS Backup can work without the Backup Service, but scheduled tasks created with the Backup Service will not run. The Web Admininstration interface also requires the Backup Service to run.
Use the **Service Manager** dialog to check or modify the Backup Service status.
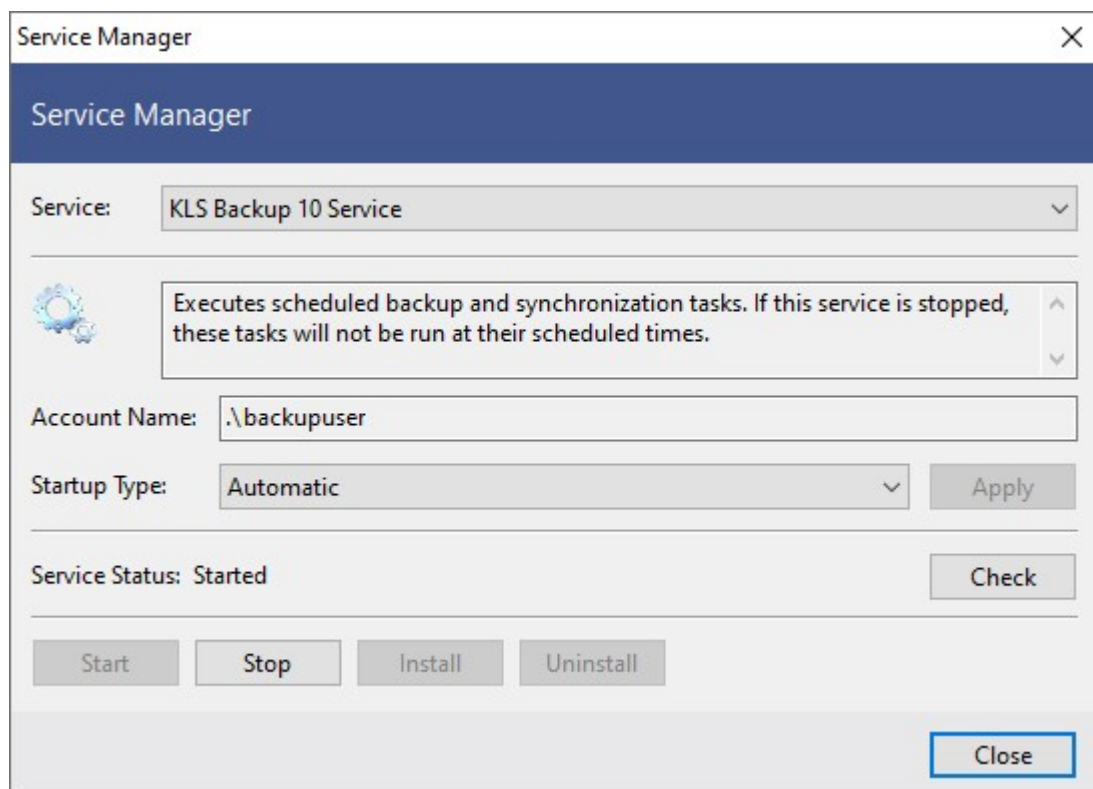
Warning: If you install the Backup Service under Local System account (default), then the service will not have access to network resources. If you need to connect to network resources, you will have to install service under other account.

KLS Backup 10 Service Properties (Local Computer) ✕

| General | Log On | Recovery | Dependencies |

Service name: KLSBackup10

Display name: KLS Backup 10 Service

Description: Executes scheduled backup and synchronization
                    tasks. If this service is stopped, these tasks will not
                    be run at their scheduled times.

Path to executable:
C:\Program Files (x86)\KLS Soft\KLS Backup 10\klsbservice.exe

Startup type: Automatic   ⌄

Service status: Running

[Start]   [Stop]   [Pause]   [Resume]

You can specify the start parameters that apply when you start the service
from here.

Start parameters: [   ]

[OK]   [Cancel]   [Apply]

Command Line

With the Command Line Interface you can run backup and synchronization jobs from the command prompt, Windows PowerShell or from a batch file by using the **klsbcmd** command followed by various parameters.

The **klsbcmd** syntax is: klsbcmd -"Action" "Profile Name" ["Task Name"] [-"Backup Type"] [Options]

Action: action to perform, currently only **r** (or **run**) is supported.

Profile Name: name of the backup profile as listed in KLS Backup.

Task Name (optional): name of the profile task as listed in KLS Backup or the task id. If this parameter is missing the default task is used.

Backup Type (optional):

- **f**: forces a full backup. Options: **-copybackup**, enables copy backup mode
- **i**: forces an incremental backup
- **d**: forces a differential backup

Options:

- **-noprogress**: disables the console progress bar

Example: *klsbcmd.exe -r "My Backup Profile"*, runs the "My Backup Profile" backup or synchronization job using the default task. Use the **i** switch to force an incremental backup to be performed: *klsbcmd.exe -r "My Backup Profile" "BackupTask1" -i*.

Frequently Asked Questions

Can I perform backup of different files, folders, registry keys, databases at a time?

Yes. A backup set can contain an unlimited number of backup items. You can mix as many backup items as you need.

Can I backup my Outlook Express/ Windows Mail profile with KLS Backup 2025?

Yes. KLS Backup 2025 can backup Outlook Express / Windows Mail profiles. In addition, supports the most popular email and instant messenger clients and other popular programs, like Outlook, FireFox, Mozilla, Thunderbird and more.

Does KLS Backup 2025 do incremental, differential and full backups?

Yes. KLS Backup 2025 supports full, incremental and differential backups.

KLS Backup 2025 supports incremental, differential and full backups. What happens when I change the backup type?

You can always change between full, incremental and differential backup types. If you change from incremental to differentinal, next time the program will make a full backup.

Does KLS Backup 2025 work with Windows 10/11?

Yes. KLS Backup (all versions) works with Windows 10/11 (all 32/64bit editions).

Can I use KLS Backup 2025 to synchronize the files of an FTP server?

Yes. KLS Backup 2025 can synchronize a local directory with a directory located on an FTP server. You can mirror your local directory, or you can make bi-directional synchronization.

Can I use KLS Backup 2025 to back up my data onto CDs and DVDs?

Yes. KLS Backup 2025 can backup directly to any CD/DVD media (CD-R/CD-RW/DVD±RW/DVD±R/DVD-RAM) using the built-in CD/DVD burner.

Are created Zip files (archives) compatible with other Zip archivers?

Yes, they are compatible. You can use any Zip compression software (WinZip or WinRAR) to extract files from the archive.

Does KLS Backup 2025 allow multiple versions of each backup file?

Yes. This is an important feature. KLS Backup 2025 maintains a library containing a history of backup jobs and the files contained in each backup run. The items of the library are called archives. An archive is created after every backup run. This feature offers a clear view over backup set history, and allows you to keep track of file versions.

Can I set up a different schedule for a profile?

Yes. You can set up multiple schedules for a profile. For example: full backup for the 1st of the month and incremental backup at week-end.

Can KLS Backup 2025 save the log files after each backup run?

KLS Backup 2025 generates a log file during the backup process. KLS Backup 2025 can save the log file to a specified directory and can send the log file to a specified email address. In addition then major backup events can be added to the system application event log.

How do I purchase a license?

Complete options for purchasing are listed **here**.