



# IASO Backup 2010

Functions & Features

# 1. Introduction

Make your backup process as efficient as you can imagine. The functionality of previous version was improved and supplemented, new functionality was added to IASO Backup 2010. Use them for the most easy, safe and effective storage of your data.

## 2. New features

- **Proxy support** - this new feature allows users to set proxy settings. A proxy server acts as a security barrier between your internal network and the Internet, preventing other Internet users from accessing the information on your internal network.
- **Status window** - this window was developed instead of the progress window which was displayed during the process of backup and restore. Now the total size of files in backup and restore queue, the total size of cabinets that are not synchronized with the server yet and current traffic usage are displayed in graphs with a summary.
- **Tray icon notifications** - this new feature enables the monitoring of your backup and restore status via a pop-up tray icon.
- **Dynamic slicing** – smarter analog of delta slicing that uses knowledge about data structure of files being backed up for cutting them onto non-fixed size slices to achieve more efficiency in delta-backup.
- \Coming soon\ **Bandwidth throttling** - this new feature makes it possible to control allowed bandwidth used by the software. For example: if the bandwidth of your network is 10 Mbit/s and you don't want IASO Backup 2010 to use it in full on working days, set the value for bandwidth on working days 1 Mbit/s and at the weekend 8 Mbit/s.
- \Planning\ **Local cabinet disk cache** - this new feature makes it possible to use local disc space for storage. For example, there is data that is changed very often and you want to have the possibility to restore it very quickly without using the network. So you can have the copy of backed up data on your local disk and you need only to set the cache size and disk location. This feature is used for movable backup as well.

## 3. Existing features

### 3.1 Setup Wizard

- **Setup Wizard** - user interface element where the user is presented with a sequence of dialog boxes which lead him through the installation steps. The main steps are:
  - Server name entering and language setup;
  - Username and password entering;
  - Encryption key setup. The encryption key should be at least six characters long;
  - Entering e-mail address for daily reports;
  - Simple schedule setup (time of daily backup, check/uncheck backup on system shutdown);
  - Exclusion filters setup.
- **Setup language (GUI)** - the possibility to set the application language on default during the installation via GUI Setup Wizard. Supported languages: English, Dutch, Russian, German, Spanish, French, Italian, Japanese and Swedish.
- **Setup encryption key** - the possibility to set the encryption key during the installation via GUI Setup Wizard.

### 3.2 Backup

- **Online backup** - the opportunity to perform data backup on a remote server with a network connection.
- \Planning\ **Movable backup** - the possibility to perform the first backup without sending the entire data to a remote server over the Internet (perform backup to local disk -> give backed up data to BSP -> BSP applies it to the server -> continue with delta-backup).
- **Delta backup** - the ability to perform the second and subsequent backup operations (these take much less time than the first backup).
- \Coming soon\ **Remote backup (from Management console)** - the possibility to launch backup via the Management.
- **Automatic backup (on schedule)** - the opportunity to backup data automatically according to the specified schedule.
- **Backup on shutdown** - the possibility to backup data automatically on the system shutdown.
- **System state backup** - the opportunity to perform a system state backup.
- **MS SQL backup** - the possibility to backup MS SQL database.
- **Exchange VSS backup** - the ability to backup Exchange on the database level.
- **Backup of shared (Network) folders** - the possibility to backup data shared over the network.
- **Open files backup (VSS)** - the opportunity to backup open files with VSS.
- **Exclusion filters** - the possibility to select certain file types to exclude them from the backup on default.
- **Backup user rights** - the possibility to restore data with the same security permissions as while performing the backup.

- **Pre/post-backup actions** - the possibility to add pre- and post-backup commands that will be executed before or after a backup, respectively.
- **Encryption** – the encryption of backed up data. It is the most effective way to secure your data during the backup process. Access to the appropriate password or security key is necessary to read an encrypted file.
- **Simple scheduling (license-dependent)** - setting up a daily backup time and backup on system shutdown.
- **Advanced scheduling (license-dependent)** - the ability to plan backup of My Computer, Microsoft SQL or Exchange Server via choosing the type of backup to be performed and via selecting the interval, date, and time for the backup to run.

### 3.3 Restore

- **Restore** - the possibility to perform the restore of the backed up data stored on a remote server.
- **Delta restore** - the possibility to perform the second and subsequent restores (these take much less time than the first restore).
- **System state restore** - the possibility to perform a system state restore.
- **MS SQL restore** - the possibility to restore MS SQL database.
- **Exchange VSS restore** - the possibility to restore Exchange database.
- **Restore of selected files only** - the possibility to restore not the whole backup session but only selected files.
- **Restore to the original/alternative location** - the possibility to restore data to the original or to another selected location.
- **Selection of backup session for restore** - the possibility to select any backup session for the restore operations.

### 3.4 Updates

- **Manually update** - the possibility to update the application manually.
- **Autoupdate** - the possibility to update the application automatically.

### 3.5 Technologies

- **Deduplication** - eliminating duplicate of redundant information.
- **Delta slicing** - technique which allows scanning all data files for any changes made to the files since the previous slice level backup and send to the backup server only changed slices.
- **Directory hashing** - delta backup technique which allows to skip unchanged directories without testing the contents.
- **Cabinets** - advanced technique of backed up data storage.
- \Planning\ **Common files** - the technology which allows to store common data (OS files, commonly used programs etc.) once.

### 3.6 Other

- **GUI** - the possibility to manage application via GUI.
- **Management console** - the presence of console for management.

- **Visualisation of backup/restore processes** - the presence of the window displaying the backup/restore progress.
- **Software runs as a service** - application runs as a Windows Service.
- **Conveniently arranged tree-structure** - the tool designed to handle data arranged in a "tree" structure whereby all necessary files can be easily found.
- **Branding** - the technique that allows branding the software GUI elements.
- \Coming soon\ **Deep branding** - the technique that allows to change the appearance of an application in accordance with any configuration changes made to the software.
- **Skinning** - basically skinning means that the presentation layer of the software – the part the user sees – can be completely redesigned and altered without reprogramming the software.
- \Coming soon\ **Remote management** - the possibility to manage application via remote GUI.
- **Backup Register** - backup database is now client-side, so it makes backup operations faster (the copy of the backup database is stored on the server).
- **Client driven cleaning** - cleaning of non-actual data behind the retention period.
- \Planning\ **Sharing** - the possibility to share backed up information through the Internet.
- **Multi-lingual support** - support of most common European languages.
- \Planning\ **Directory for temporary files (license-dependent)** - the possibility to specify the directory you wish to store temporary files in (this refers ONLY to the System State in My Computer and Delta Restore of Microsoft SQL).







IASO Backup Technology is a IASO International Holding BV company  
For more information, go to [www.iasobackup.com](http://www.iasobackup.com)

Netherlands: +31 885 222 222 Latvia: +37 167 134 979 Belgium: +32 240 114 00 France: +33 170 389 816

UK: +44 208 602 0869 Ireland: +35 312 460 221 Germany: +49 692 222 1668 Swiss: +41 445 803 209

Austria: +43 192 804 70 Sweden: +46 850 564 738 Denmark: +45 808 862 67 Italy: +39 236 008 900  
Belarus: +375 17 2197664