

# EasySave 1.0 Release Notes

## 14-02-2024

We are delighted to announce the launch of EasySave 1.0, a backup application designed to meet the needs of professional users.

This first release provides a series of features designed to simplify the management of your backups.

## Main features

### Interactive menu

As soon as you start EasySave, you'll be guided by a simplified interactive menu, designed to make it easy to access and manage your backups.

```
--- EasySave ---

CTRL+C => Clear the console | CTRL+V => Paste the current clipboard text
=====

0 - Select language
1 - List jobs
2 - Load a Jobs configuration
3 - Create a job
4 - Delete a job
5 - Run jobs
6 - Exit

Please enter your choice : |
```

This user-friendly interface lets you navigate easily between the application's various functions, making the user experience fluid and straightforward.

With options clearly laid out, you can quickly configure, run and manage your backup tasks, ensuring efficient, personalized use of EasySave right from the start.

## Multilingual support

EasySave is available to both English- and French-speaking users, with a simple, intuitive command-line user interface.

```
----- Language -----

1 - fr
2 - en-US

Please enter your choice : 1
You have selected : 1

Vous avez choisi le français.
```

## View list of backup jobs

Easily access a list of all your backup jobs, including full configuration information.

JobManager			
Name :	Type :	Source directory :	Target directory :
0 - job1	COMPLET	C:\Users\faikm\OneDrive\Bureau\2023_2024	C:\Users\faikm\OneDrive\Bureau
1 - job2	DIFFERENTIEL	C:\Users\faikm\OneDrive\Bureau\2023_2024	C:\Users\faikm\OneDrive\Bureau

## Customize backup job configuration file

You can import an existing configuration file for your backup jobs, or restore the default file originally assigned.

## Manage multiple backup jobs

Configure up to five backup jobs, customizable by name, source directory, target directory and backup mode (full or differential).

```

Job creation

Name: job2
You have selected : job2

Source directory
You have selected : C:\Users\faikm\OneDrive\Bureau\2023_2024

Target directory
You have selected : C:\Users\faikm\OneDrive\Bureau

Possible backup types:
0 - COMPLET
1 - DIFFERENTIEL

Please enter your choice : 1
You have selected : 1

Job JobManager saved
Job created

```

## Full and differential backup

Full: Copies all your files on each run, guaranteeing complete restoration.

Differential: Copies only files that have changed since the last backup.

## Flexible deletion of backup jobs

In a similar way, the deletion of backup jobs in EasySave uses the same selection principle.

By specifying "2-4,6", users can delete jobs 2 to 4 and job 6 quickly and easily. This feature ensures convenient, straightforward management of your backup plan, enabling you to keep your configuration up to date with little effort.

```
-----
                                     Deleting jobs
-----
                                     JobManager
-----
Name :                               Source directory :           Target directory :
0 - job1                             C:\\Users\\faikm\\OneDrive\\Bureau\\2023_2024 C:\\Users\\faikm\\OneDrive\\Bureau

0 - Input format :
1 - For a single index, (for example : 2).
2 - For multiple indexes, (for example : 2,4,6).
3 - For a range of indexes, (for example : 1-3).
4 - To combine indexes and intervals, (for example : 1-3,5).

Please enter your choice : 0
You have selected : 0

Please confirm : (y/n) : y
You have selected : y

Job JobManager saved
The selected jobs have been deleted.
```

## Customized execution of backup jobs

EasySave makes the selection of backup jobs extremely flexible, giving users the ability to choose precisely which backups to run.

For example, by entering "1-3.5", the system will run jobs 1-3 and job 5 in a single operation.

This simplified method allows you to select ranges of tasks (such as "1-3") and add individual tasks (such as "5") by separating them with commas, making it easy to customize your backups.

```
-----
                                     JobManager
-----
Name :                               Source directory :           Target directory :
0 - job2                             C:\\Users\\faikm\\OneDrive\\Bureau\\2023_2024 C:\\Users\\faikm\\OneDrive\\Bureau
1 - job1                             C:\\Users\\faikm\\OneDrive\\Bureau\\2023_2024 C:\\Users\\faikm\\OneDrive\\Bureau

0 - Input format :
1 - For a single index, (for example : 2).
2 - For multiple indexes, (for example : 2,4,6).
3 - For a range of indexes, (for example : 1-3).
4 - To combine indexes and intervals, (for example : 1-3,5).

Please enter your choice : 1
You have selected : 1

Please confirm : (y/n) : y
You have selected : y
```

## Extended backup location support

Compatible with various types of storage, including local, external and network drives.

## Daily logging

Detailed monitoring of backup operations is recorded daily in a log file in JSON format. This file includes information such as timestamp, job name, source and target file paths, file size and transfer duration.

## Real-time monitoring

A status file in JSON format, updated in real time, lets you track the progress of your backups. It displays the number of files remaining to be backed up, as well as their total size.

In addition to being able to view the progress of your backups in this file, you also have the option of tracking the progress of backup tasks directly on the application as these tasks are executed.

## File configuration and location

Locations for log and status files have been optimized to work reliably on customer servers, avoiding standard local paths and making JSON files easier to access and read.