# RestoreManager

## Scalable NetApp File Catalog

### High Performance File Indexing, Search and Restore For NetApp File Environments

## "Where Did My File Go?"

- Easily locate and recover files on NetApp storage
- Support user restore requests, legal search, compliance audits, etc.
- Creates a complete file index of metadata for primary and/or secondary NetApp systems
- Multiple filters and search options to locate files, including name (with wildcards), type, file size, creation date, deletion date, etc.
- Restore one or more files to original or alternate location
- Highly scalable solution
- Uses ONTAP SnapDiff protocol
- Simple, affordable licensing based on NetApp storage controller (no file or data size limits)

Many IT admins have had their day ruined by users asking a simple question: "Where did my file go?" It's a common request: users delete files by mistake, drag and drop them into the wrong sub-directory, overwrite a new file with an old one, and so on.

It's easy to understand the problem, but not so easy to solve it. In NetApp file environments, there is no central file catalog that lets you easily find and restore one or more files. All you can do is spend time looking for the file needle in the storage haystack, or – as often happens – simply deny the recovery request.

We have a better way.

## "Sure, We Can Find It with RestoreManager!"

RestoreManager from ProLion creates a central file index of every NetApp snapshot, giving you a single catalog-based view into your files. You can search through snapshots using multiple criteria and restore files and folders right from within RestoreManager.

What's more, RestoreManager indexes both primary and secondary storage. That's important because often primary snapshots are only maintained for a few days. By also indexing SnapMirror and SnapVault destination volumes, you can find older versions of files that have been moved off the primary resources.

## How It Works

Immediately after a new Snapshot of a volume has been generated, RestoreManager uses the SnapDiff API to gather the relevant metadata from the files and folders and loads this data to its central database. Searching is now easy with this central index in place. A single click restores the files you find to a specific folder or to their original location.

Many filters enable targeted searching:

- By file name, parts of the name or file path, with wildcards being permitted
- By data type or file ending: jpg, xls, doc, ppt, etc.
- By deletion period
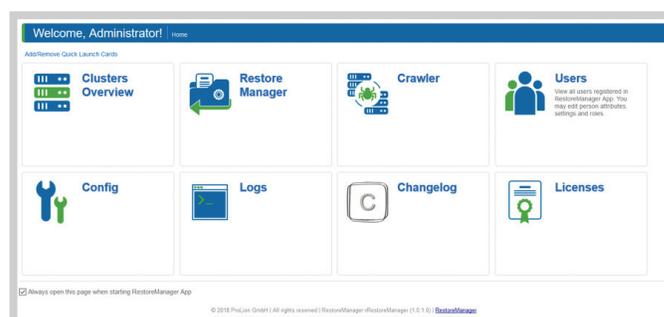- By creation period
- By file size
- Etc.

## Flexible Choice of Indexing Strategy

RestoreManager can selectively index primary systems only, secondary systems only, or both. The choice is up to the users and depends on file recovery requirements.

## Solution Architecture

RestoreManager supports all versions of the ONTAP operating system for NetApp primary storage systems. For NetApp SnapVault and SnapMirror targets, RestoreManager works with ONTAP, NetApp Cloud Backup (formerly AltaVault) and ElementOS.

RestoreManager uses the Elasticsearch database, an open source solution that has excellent scalability, performance, load balancing and availability.



*RestoreManager features an easy-to-use interface with clearly marked functions for setup, management, recovery, etc.*

# How to Purchase RestoreManager

RestoreManager is licensed per NetApp controller, with pricing tiered according to the NetApp model number. There are no capacity limitations in terms of total storage or number of files, making RestoreManager licensing very easy to manage.

Please contact us for a price quote.

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