

File Reporter

Securing and optimizing your network-stored data starts with knowing exactly what data you have, its relevancy, and how secure it is. Micro Focus® File Reporter inventories enterprise network file systems and delivers detailed storage intelligence so you can optimize and secure your environment for cost savings and compliance.

File Reporter at a Glance

■ File Intelligence:

Gather data across millions of files and folders across networks.

■ File Classification:

Identify files containing sensitive information for standards such as PII, PCI, PHI, and GDPR.

■ Custom Reports:

Create custom query reports to find what you need to stay compliant.

“Micro Focus File Reporter is our means of getting critical and immediate answers about our storage. We have people dumping all kinds of stuff onto our server, so when I see available disk space drop by GBs in one day, I can use File Reporter to find where these files are and who put them there. Additionally, I use File Reporter to find who has rights to specific folders and when necessary, make needed corrections.”

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Network Storage Growth

Organizations are storing more and more file-based data. There are a myriad of factors causing this exponential growth including regulatory compliance specifying data retention rules, the availability of cheaper storage, applications that continue to grow and create large files, and enhanced computing technologies such as virtual servers and desktops. Only a few years ago, organizations were referring to their total data storage in terms of terabytes. Now, they're using terms like "petabytes" and even "exabytes" (that's one million terabytes!).

Sizeable storage growth introduces sizeable management challenges. Organizations need to know what they are storing, what documents are sensitive, and if they're protecting these sensitive files from unauthorized access. CIOs want to know if they've optimized their storage infrastructure. Are less important files being stored on primary storage? Are duplicate versions of files taking up valuable disk space? Are sensitive documents being stored in the proper locations and are access permissions in compliance to privacy regulations? What are the expenses a particular department is incurring?

Introducing File Reporter

File Reporter inventories network file systems and delivers the detailed file storage intelligence you need to optimize and secure your network for efficiency and compliance. Engineered for enterprise file system reporting, File Reporter gathers data across the millions of files and folders scattered among the various network storage devices that make up your network. Flexible reporting, filtering, and querying options then present the exact findings you need so

that you can demonstrate compliance or take corrective action.

How File Reporter Works

We developed File Reporter to examine and report on petabytes or even exabytes of data—in other words, millions of files, folders, volumes, and shares scattered among the various storage devices that make up your network. This reporting includes the rights to network folders and volumes and permissions to Microsoft network folders and shares.

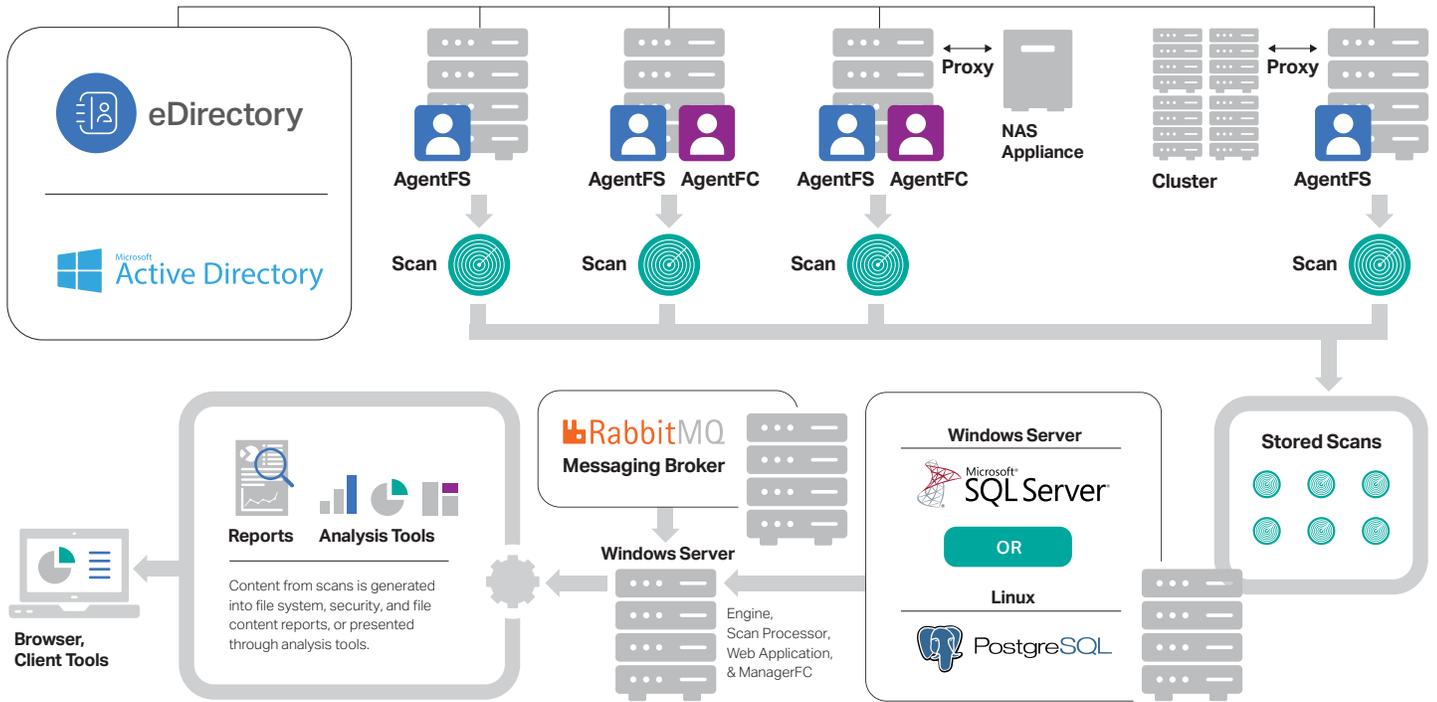
To report on this data efficiently, File Reporter disperses the work between an Engine, Agents, a database, and either eDirectory or Active Directory. Through the Agent, File Reporter takes a "scan" of a storage resource's file system at a given moment. A storage resource can be a network server volume or Microsoft network share.

Scans are indexed data that are specific to a storage resource. They are the means of generating a storage report and the basis for analysis with the analytics tools. Scans include comprehensive information on the file types users are storing, which files contain sensitive information such as credit card or Social Security numbers, if users have duplicated the files, where duplicate files reside, when users created the files, when they last modified the files, permission data on the folders, where these files reside, and much more.

To generate a report, the Engine takes the specific information it needs from the scans and presents it to you according to your preferences.

Organizations of all sizes can benefit immensely from File Reporter because of its ability to report not only who is storing files, what files they're storing, where they're storing them, and when they last accessed them, but also who has access to these files and how that access was derived.

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Taking Action

Once File Reporter presents your file data in a report or in one of the analytics tools, you are equipped with the information you need to take action. This might include moving sensitive files to more secure locations, deleting duplicate files, archiving unmodified files, removing orphaned home folders, modifying security access rights or implementing Micro Focus File Dynamics policies to rectify improper storage locations.

Conclusion

A sound data management approach starts with first knowing what data you have, which files contain sensitive information, the relevancy of each file, and who has access to which files. File Reporter inventories your storage and provides you the specific information you need to optimize and secure your enterprise network storage.