

Essentials

- Easy-to-use utility for tracking file usage in Windows environments
- Allows administrators to optimize storage costs for network-based files
- Supports both CIFS file shares and NFS exports
- Handles NFS exports by default, without needing Windows Services for UNIX
- Provides statistics for file age, size, and type for any accessible resource
- Helps administrators understand how their users use their file system
- Simple, streamlined CLI interface with options for reporting on only the data users want to see
- Does not require complex reporting systems or detailed knowledge of file-management software

Effective File Inventory Tracking for CIFS or NFS Resources

File Insight is a Windows-based utility that enables administrators to understand file usage in environments with CIFS file shares and NFS exports. File Insight lets administrators scan their CIFS and NFS resources and determine the size of their file inventory, how often users access files in those file systems, and what types of files the resources store.

This utility provides a simple, fast way to analyze large amounts of data in various distributed network shares. File Insight collects file metadata from any accessible directory, share, or file, then provides that data in a useful format.

File Statistics

File Insight returns the following statistics on the specified share or export:

- Number of directories
- Number of reparse points (e.g., junction points)/symbolic links
- Number of files
- Total file size
- Number of file types
- Minimum file size
- Maximum file size
- Average file size
- Number of files last accessed, created, or written to in a particular time span (from 0-30 days to more than 5 years)
- MB of data last accessed, created, or written to in a particular time span (from 0-30 days to more than 5 years)
- Number of files of each specific type
- Total size of all files of each specific type
- Average size of files of each specific type

NOTE: File Insight does not follow reparse points or symbolic links. The utility skips those types of objects and reports the number found in the returned statistics.

Users can also use File Insight with options to fine-tune the data they want to see. File Insight can ignore data on last-accessed, created, or last-modified times and file types or ignore subdirectories and only scan the top-level directory.

With the data File Insight provides, administrators can get a better picture of their overall environment and use that information to more efficiently utilize their storage resources, removing or archiving unneeded files, restructuring the file system, and reducing cost.

Running File Insight

To run the File Insight utility, you must have a valid File Insight license stored in the same folder as the utility executable. Run File Insight from the command line using the following command:

FileInsight.exe [options] <Path>

For detailed information about the options available in File Insight, use the “-h” option.

Vendor Support

File Insight currently supports CIFS and NFS file storage resources. Users can only install File Insight on computers with Microsoft Windows installed.

About Data Dynamics

Data Dynamics is a leader in solutions for the discovery, reporting, migration and management of file-based storage. Its award-winning StorageX product suite, which was originally developed by NuView, Inc. and later acquired by Brocade, has been adopted by hundreds of enterprise customers, Fortune 500 companies, and large municipal governments as a solution for the full lifecycle management of their file-based storage infrastructure. Today, Data Dynamics is focused on developing future generations of StorageX as the industry’s leading policy-based file data management solution.