

## How Mobile is Your Unstructured Data?

**You have 20 Tb of unstructured data to move and shut down the old system. And 48 hours is all the time available to complete it.**

Moving unstructured data from old systems is never a straight-forward exercise. It requires careful planning. You need an understanding of the composition of data, business requirements, available network bandwidth, amount of data, and the how the data will be structured on the destination system, and who should or should not have access to the files and folders.

Migrating unstructured data is a complex operation. Moving 20 Tb can take anywhere from 9 to 15 weeks to complete. Most stages of the migration process are manual; requiring significant effort to ensure data is moved properly. Any data not accessible or not positioned correctly can result in an intensive hunt to locate and correct the issues or in extreme cases restarting the entire process from the beginning. Either way, it is not an effective use of precious IT resources or your time.

Designed from the ground up to allow you to quickly implement and accomplish data mobility initiatives of any size or scope, FilePilot Copy eliminates many of the common issues associated with moving large and complex file systems, including:

- Manual assessment of source file system
- Lengthy maintenance windows
- Business hours workarounds
- Open file exception handling
- Manual post-move validation
- Slowdown on small files
- Network bandwidth contention
- Writing and testing scripts

## No Compromises: Faster and Scalable

Built around an optimized multi-threaded architecture, FilePilot Copy's patent-pending engine will push your infrastructure; servers, NAS and network, faster than you thought possible. Moving file systems of up to hundreds of terabytes of data is no longer a sit and wait proposition. The ability to handle large quantities of small files and open files is designed into the architecture as well, so that the fastest possible transfer speed is attained.

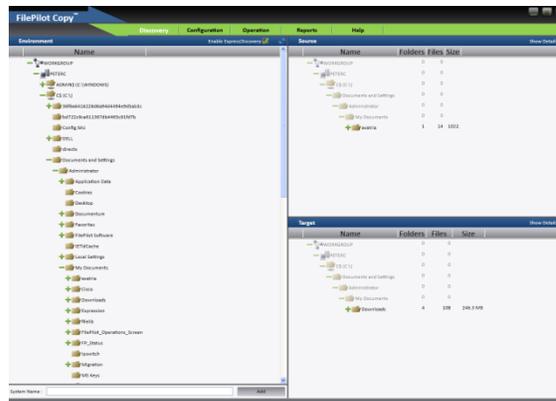
FilePilot Copy's network throttling capability allows you to set data flow according to the available bandwidth and current utilization on either your LAN or WAN. You can adjust the amount of bandwidth that is used by FilePilot Copy dynamically during a copy operation. By optimizing the network utilization, any data movement can continue during normal business hours without impacting the network.

## Move Data with Confidence

FilePilot Copy enables you to determine and manage the entire data movement process from beginning to end. With automated pre-move planning, you can plan and test out various scenarios before pressing the start button. Now you don't have to run for three or four days only to find out that something went wrong. Up-front planning and testing means that you have a higher confidence level right from the start.

FilePilot Copy's exclusive drag and drop capability eliminates the need to first resolve and then type the source and destination paths. A graphical tree view of the source and target systems is displayed and you simply place the source files in the proper location on the destination and FilePilot Copy automatically takes care of the rest. You can visually designate where an entire file hierarchy or individual folders will be placed.

A work-flow based user interface allows for easy configuration and management and provides increased visibility and control over the entire copy process.



## Key Features and Benefits

- **Work-flow Based Management Console**  
Intuitive and straightforward interface steps you through the entire data movement process.
- **Pre-Move Planning**  
You can plan and test out an entire data move before you commit the data to a new destination.
- **ExpressDiscovery™**  
Locates and displays folders, shares, servers and storage to provide hierarchical views of the entire infrastructure.
- **Multi-Threaded Architecture**  
The optimized copy engine will drive your infrastructure as fast as it will go. Your data is moved faster, especially small files.
- **ExpressCopy™ – Drag and Drop Copy**  
Now you can immediately visualize where data will be placed and how it is structured on the destination, whether it is a server or NAS.
- **Data Integrity and Security**  
All file meta-data is maintained during the movement process including: ACLs, file and folder permissions, shares, local users and groups, compression settings and more. No need to worry about manually recreating any of it.
- **Extensive Configuration Options**  
From copy type to file or folder filtering to logging options, you have fine grained control over all aspects of the data movement process. Stopping and restarting a move operation is no problem, FilePilot picks up exactly where it left off.
- **Exception Handling**  
“Open files” are expected and you specify the number of access retries attempted over the course of the entire copy. At the end of the copy, a list of open files, location and owner information will be provided and logged.
- **Network Throttling**  
Adjusts data flow based on your current network bandwidth conditions. You can also set the maximum allowable utilization to ensure that critical traffic is not affected. Throttling can also be scheduled around business hours.
- **Comprehensive Logging**  
Everything is logged, successful or failed transactions. Better information means you know what is going on and can take action when required to resolve any issues.
- **Flexible Deployment Models**  
Run FilePilot from the Source or Destination servers if they are Microsoft Windows servers, or from an Intermediate system if copying between NAS systems.
- **Simplified Licensing**  
When you are done moving data, you can reinstall FilePilot to support your next data mobility initiative. No server or user restrictions, additional cost or licensing hassles.

## FilePilot Copy System Requirements

FilePilot Copy runs on Source, Destination and Intermediate systems meeting the following requirements.

### Hardware:

- X86 or 64 bit PC system
- 1 or more Gigabit Ethernet connections

### Software:

- Microsoft Windows OS – XP, 2000, 2000 Server, Windows 7, Server 2003, Server 2008
- .NET 4.0 installed

For Source and Destination Systems containing the files for migrating:

### Hardware:

- X86 or 64 bit PC system with 1 or more Gigabit Ethernet connections
- NAS systems with 1 or more Gigabit Ethernet connections
- SAN systems through a front-end networked server

### Software:

- Microsoft Windows OS – XP, 2000, 2000 Server, Windows 7, Server 2003, Server 2008 with NTFS
- Proprietary OS with NTFS support

### Network:

- It is recommended that connectivity between source and destination systems be at least 1Gbps. In the case of NAS to NAS, the intermediate system should have 2 available 1Gbps network interfaces.

## NAS and SAN Support

- EMC
- NetApp
- Any storage manufacturers with support for CIFs and NTFS

## Sound Interesting?

**Download** the fully functional evaluation.

The fine print: There is a data limit of 10 GB and a time limit of 14 days.

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## Data Security and Integrity

Not only do you need the data on new systems fast, you need to be concerned about where the data is going and how it will be structured and who can and cannot access it. Most of all it has to be fully transparent to the users. You must be absolutely sure that all file and folder meta-data is completely and accurately copied and are in place on the destination.

FilePilot ensures that not only the data gets there, but also all file and folder attributes and security from the source to the target are intact. File and folder security is extremely critical, especially in light of compliance laws and industry standards, such as SOX and PCI-DSS. The last thing you want is to be doing is explaining to management and auditors why unauthorized access to files occurred.

## Information You Can Use

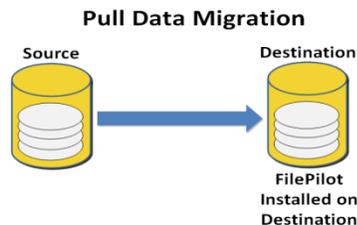
By default, FilePilot Copy logs every single transaction associated with moving data. You can review the logs in real-time or search for specific events after completion of a data move. Logging provides you with up-to-date status, so you know exactly what is happening and why.

The comprehensive information provided through logging guarantees that you are prepared to make better informed decisions about your data and better handle any issues.

## More Deployment Options; Better Device Support

Whether you are moving data from server to server, NAS to NAS within your data center or from a server in a remote office to the data center, choose the deployment model that fits your needs and situation. FilePilot Copy's flexible deployment options allow choice of installation on source, destination or an intermediate system to support cross-platform data movement between systems from different storage manufacturers.

For simple server to server data movement, FilePilot Copy can be installed on the source system and will push the data to the destination system.



Support of data movement from NAS to NAS has different requirements. Since NAS systems do not support installation of software on them, an intermediate system must be used. Using this configuration, moving data from NAS to NAS between the same or different vendors is fully supported.

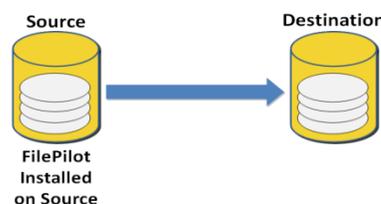
## Save Time and Effort with FilePilot

As an IT professional, you have too many things on your plate already. When upgrading or replacing old servers and storage systems, you want the data moved fast and accurately. The last thing you need is a failed data mobility initiative. FilePilot Copy can ensure that any complex data mobility initiative is successful the first time by providing:

- Pre-move testing and planning
- Reduction of maintenance windows
- Tunable bandwidth throttling
- Data movement during business hours
- Maintaining file attributes and security
- Drag and drop path placement
- Control of network utilization
- Extensive file and folder filtering options
- Comprehensive real-time event logging
- Improved end-to-end management
- Reusable copy configurations
- Cost effective and simple licensing model

FilePilot Copy blends powerful capabilities with ease of use, keeping you in control of where and how data is moved while maintaining full data integrity. Moving data has never been simpler, more accurate or faster with FilePilot Software's Intelligent Data Mobility™.

### Push Data Migration



When moving data from a remote site or from a system in another building to your data center, you can install FilePilot Copy on the destination system and pull the data from the source system.

### NAS to NAS Data Migration

