Ipswitch Special Edition

Managed File Transfer



Learn to:

- Securely manage file transfers in today's borderless enterprise
- Reduce business risk and ensure compliance
- Automate file transfers and save money

Randy Franklin Smith with Paul Castiglione

About Ipswitch

Ipswitch helps solve complex IT problems with simple solutions. Founded in 1991, the company's software is trusted by over 25,000 companies and millions of people worldwide to transfer files between systems, business partners, and customers and to monitor networks, applications, and servers.

MOVEit Managed File Transfer is trusted by organizations that require the most stringent security, including federal and state governments, leading banks, and healthcare organizations. MOVEit transfers business files reliably and securely, automates file-based business workflows, and is easy for IT teams to self-deploy and administer.

For more information, please visit www.ipswitch.com.



By Randy Franklin Smith with Paul Castiglione



Managed File Transfer For Dummies[®], Ipswitch Special Edition

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Introduction

oving data securely and reliably to support critical business processes has never been more important — and challenging. Today's digital business processes span the "borderless enterprise" and link business units, partners, agents, contractors, and customers. Sensitive data must be protected in transit and at rest with the proper controls to meet business needs and government and industry regulations.

Data transfer presents a major challenge for business. Historically, data has been transferred in many ways: File Transfer Protocol (FTP), Electronic Data Interchange (EDI), Value Added Networks (VAN), physical devices such as tapes, DVDs, thumb drives, email, shared cloud storage, and Application Integration Middleware. Data has been difficult to manage because copies are kept anywhere and everywhere with little control.

Managing file transfer risk, time, and cost is essential to ensure smooth operations across the supply chain. A strong managed file transfer (MFT) solution can address these needs in a more secure, reliable, compliant, automated manner while being more cost effective and easier to use. Moving data reliably and securely at the right time is a critical success factor in many businesses no matter what form the data may take.

Business agility has become vital to business success. If your existing file transfer systems require scripts to be written and maintained, significant manual activities, and high-touch maintenance to add or change partners or processes, there's a better way. MFT enables both security and full automation, which eliminates errors and reduces costs. Automation is one of the major reasons to embark on an MFT project.

The amount of data stored today has grown hundreds of times over the last five years. Files that contain personally identifiable information such as credit card numbers or medical records are protected by privacy laws. As the digital economy becomes the norm, more and more sensitive files must

be transferred securely with full traceability across a growing array of end-point devices. And failure isn't an option.

Business leaders' challenges today are security, responsiveness (or IT agility), and reliability. Protecting data is a major concern, and more and more business systems must exchange or synchronize data across the open Internet with remote locations, while maintaining archives. Making data accessible, while also keeping control of it, is the value of MFT. As data volumes and security concerns grow, MFT has emerged as an indispensable technology.

About This Book

If your business transfers a large number of sensitive files to internal and external parties, this book is for you. *Managed File Transfer For Dummies*, Ipswitch Special Edition, helps you understand best practices for securely and efficiently transferring files to support business critical processes and the risks and costs of unmanaged file transfers.

Icons Used in This Book

I certainly think every word of this book is memorable and valuable, but I highlight extra important content with a few icons in the left margins.



The Tip icon alerts you to pieces of information that may save you time, frustration, or money.



The Remember icon highlights basic MFT rules — information that you should take from the MFT discussion and file away in your brain.



The Warning icon cautions you about serious situations where you can cause personal harm or harm to your work in the context of MFTs.



Sometimes I use techy words or throw some statistics at you. In these cases, I use the Technical Stuff icon to let you know it's coming. If you have a techy brain, then beef up on these tidbits; otherwise, you can skip this info and not suffer any loss of brain power.

Chapter 1

Understanding the Need for Managed File Transfer

In This Chapter

- Discovering the many ways to transfer files
- ▶ Picking managed file transfer as your preferred method

n this chapter, I give you some insight into why you may need managed file transfer (MFT). To do that, I give you a peek at the various means of file transfers and explain what I mean when I use the term MFT.



Sometimes people use terms differently, so I want to define exactly what I mean when I use the term MFT. The term should be *data transfer* because files are just containers for data, but you will see the words *files* and *data* used interchangeably. And *transfer* means to move data either over a private network in a data center or over the public Internet. *Managed*, in the context of this book, means transferred in a controlled way. And *controlled* means scheduled, protected, logged, measured, automated, and clearly described. I usually add the word *secure* to cover the areas of encryption, authentication, and audit. So when I speak about secure MFT, I refer to a set of computer programs that provide security, automation, and management for the transferring of data.

Understanding the Various Ways to Transfer Files

You can transfer data in many ways, but most of them are manual, unmanaged, and often insecure. This section gives you the common ways currently in use along with an explanation as to why they aren't good MFT solutions.

Email

The most common way of transferring files is via email attachments. Email is pervasive and well understood by users. But email was invented to replace "snail mail" letters, not to replace large scale, managed, secure file transfers. Email is convenient but error prone due to invalid addresses, delivery failures, and file size limitations. It's also not easily tracked or automated.

Physical transport

You can also physically transport data with a thumb drive (also called USB drives, flash drives, jump drives, and so on). Physical transport is best used for the casual transfer, but it has a downside: It's a common vector for virus propagation and can by no means be considered "managed."

File sync and share

Services like Dropbox and other file sync and share solutions are popular ways to share files for collaboration between small groups of people. Putting all your critical files on a server and sharing them widely is very different from managing the transfer of selected files to selected individuals and systems by using strong encryption, enhanced security, and careful logging, automating workflows, and file processing tasks.



File sharing companies also present a juicy target to cyber thieves because they hold large amounts of data from many companies in the same cloud. You want your data under your control, not delegated to a service you don't manage.



Unfortunately data loss or theft is not the only issue facing businesses requiring file sharing. Availability, performance, and ease of use are even more important. Check out public monitoring sites, such as https://downdetector.com, to get an idea of their reliability and ease of use. Of course, if your business is regulated or audited because of credit card, healthcare, financial, or other personal data concerns, also make sure that you're even allowed to use those public cloud services.

File transfer clients and servers

Another method of file transfer is via File Transfer Protocol (FTP). This method is quite common and may be used explicitly through FTP commands, called *through various scripts*, or embedded within other programs. FTP has proliferated widely and is used by nearly every business worldwide, but transferring data via FTP is very difficult to automate, secure, track, and manage.

MFT

MFT is automated and secure. A server (or multiple servers) is configured and used to control transfers to and from people and processes. Automated means that repetitive operations can easily be scheduled to repeat at any interval from minutes

Integrating data

Moving data is really about integrating data between business systems to automate business processes. Three common integration patterns that IT architects talk about are messaging, shared database, and file transfer. The messaging infrastructure uses an ESB, a software solution that tightly couples all the applications via carefully crafted message formats. This process requires

careful planning and is expensive to implement but enables low-latency transactional processing.

Another pattern is shared database, which works well in one location but is a single point of failure and not very scalable. The file transfer pattern can be implemented by using an MFT solution, which is the subject of this book.

to days (see Chapter 3 for more details). Security and compliance are covered in Chapter 2.

Why MFT?

A good MFT system can often replace all the other methods described in this chapter, depending on your needs. MFT provides a single solution that lowers risk and cost for moving files across the borderless enterprise.



MFT is an ideal solution in the following instances:

- Data is moved between people, processes, and combinations of both.
- ✓ Data being transferred must be secure and protected.
- Repetitive file transfer tasks are manual or automated by using scripts that take days or weeks to create.
- Moving large batch transaction files meets business needs and is less costly than low latency transactional systems.
- Audits of file transfer operations are failure prone or costly.
- ✓ Data is transferred over the open Internet with third parties, including vendors, customers, and remote sites.
- Cost reduction of file transfer operations or compliance is an organizational priority.
- ✓ Growth of file transfer volume, users, and file size continues to increase year over year.
- ✓ Lack of reliability and continuous operations of existing FTP systems negatively impacts the bottom line.
- ✓ Troubleshooting file transfer errors and responding to end-user requests for status affect IT responsiveness.
- $\mspace{-1mu}{\hspace{-1.5pt}/}\hspace{-1.5pt}$ On-boarding new business partners is a lengthy process.

Business runs on data, and this integration of data, people, and processes is the heart of today's enterprise. MFT provides for the automated transfer of large files between people and systems, scaling to the highest volume in a highly secure manner with complete logging and visibility of all activities.

Chapter 2

Achieving Data Security with MFT

In This Chapter

- ▶ Authenticating users to ensure they are authorized to transfer files
- Defining guaranteed delivery
- ▶ Understanding end-to-end encryption
- Achieving compliance through audit and visibility into transfers
- ▶ Looking at integration to existing IT security infrastructure

Security is a very complex area. A host of compliance regulations intend to protect Personally Identifiable Information (PII) and Personal Health Information (PHI), such as Payment Card Industry (PCI DSS) and national and state data protection laws. Purchasing a managed file transfer (MFT) solution from a vendor that supports the standards important to you is the easiest and most cost-effective way to stay in compliance.

Whether by regulation or by a business need, data often needs to be kept secret. This chapter covers areas falling under the umbrella of data security.

Limiting Access with Authentication

Authentication is proving who you are and is often done via passwords. But many organizations have gone beyond simple password authentication and adopted *two-factor authentication* — a

check that includes not only a password, but also a second code that's either generated by a device or a phone app or emailed/texted to you.

Because it's difficult to remember a lot of passwords that may require frequent updates, many companies have instituted single-sign on, which uses a centralized Identity Provider system for user management. Make sure your MFT solution supports both capabilities.

Guaranteed Delivery

Guaranteed delivery has three elements:

- ✓ Non-repudiation: Both parties to a file transfer have been authenticated and authorized.
- ✓ **Integrity checking:** Cryptographically validated methods to ensure integrity of transferred files. That means that you can be assured that the file securely transferred is precisely the same as the file received.
- ✓ Tamperproof: This is usually applied to logs, and it ensures that someone can't modify a log record in an undetected way. This, along with integrity checking, prevents data from being modified.

End-to-End Data Encryption

You may also want to protect your data by encrypting it. Most business systems and databases have security controls to protect data within their systems, but data that's exported for transfer is at risk, whether in transit across the open Internet or sitting on servers within your network. Malware attacks or disgruntled employees can compromise unprotected data even within your trusted network. There are many standards for encryption and all require key management. It's important to consider encryption standards you and your partners use. Ensure your MFT system can work with them and also has automated key management.

Considering Compliance, Audit, and Real-Time Visibility

When thinking about MFT security, you should consider three areas: compliance, audit, and real-time visibility. Cost is also, of course, a major consideration.

Compliance

Compliance means conforming to every relevant legal, professional, and company standard. For example, a bank or retail company that offers credit card services needs to comply with PCI-DSS. Audit teams look at the policy and ensure that the actual operations satisfy requirements, often by examining log files and IT systems documentation. Any MFT solution you pick should both specify and prove it's compliant with the standards important to your business.

Audit

Audit plays two roles. One role is related to compliance because audit is the mechanism used to inspect and verify compliance. Think of a car safety inspection. State regulations specify that the tires must have sufficient tread. The inspection machine audits the requirement and checks logs to verify compliance.

The second role of audit is when it's used during an investigation — to find out how the problem happened, when it happened, and what failed. The best MFT systems will provide logging capability and configurable security alerts.

Real-time visibility

Sometimes you need to know exactly what's going on right now. Your MFT solution should log each and every event to a central database, whether the event is the start of a transfer, the completion, or errors. That tells you what has just happened in the system, and you may want to watch in real-time to manage performance and investigate various alerts.

MFT Integration to Security Infrastructure

Any MFT solution must also be a security solution and offer standards-based integration to other IT security and user management systems. There are certain security protocols you should know. Security Assertion Markup Language (SAML) for identity and authentication, Lightweight Directory Access Protocol (LDAP) for accessing lists of authorized users, and Internet Content Adaptation Protocol (ICAP) for interfacing with virus scanners and content filters. Data Loss Prevention (DLP) and anti-virus software are critical to ensure overall organizational security.

Careful consideration of security needs is important because unauthorized access to data with PII/PHI for one record or millions of them could result in significant fines and have a large and lasting negative impact on your business. MFT provides many security mechanisms and offers the flexibility to ensure compliance with data privacy regulations and policies.

Chapter 3

Improving Agility and Productivity through Automation and Control

In This Chapter

- Getting a primer on automation and control
- Understanding how automation transforms file transfer operations and business agility
- ➤ Supporting all methods of file transfer

liles are transferred because data has become the lifeblood of business. The volume of data, the number of individual data transfers, and the number of people and systems included in these transfers are all increasing significantly (four to five times) faster than the IT staff allocated to install, operate, and manage file transfer operations. So your business either slows down and loses productivity, or it automates as much as possible to win.

Managed file transfer (MFT) automates a number of operations, providing significant improvement in agility and productivity in your enterprise. This chapter gives you examples of where the big gains are.

Automation and Control

You may well point out that file transfers can be done with email, FTP clients, or Dropbox–like services. But consider the

limitations. Email has limits on the types and size of files it sends. FTP clients are yet another desktop application that needs to be managed and supported by IT with another logon password that users need to remember. And Dropbox–like solutions, while convenient for end-users, can be a security and management risk.

Beyond security, the real value of MFT comes from automation. Automation is simply eliminating the need for manual intervention by having the MFT system execute the steps needed, and its value is reduced errors and labor costs. Costs include troubleshooting errors and lost files; time required to manually transfer files; and the significant skills and costs trying to craft a do-it-yourself automated process with scripts and custom programming. And of course this frees people to work on more critical tasks.

Automation is complex when using older generation file transfer solutions. Custom scripts are difficult and time consuming to create and manage, and other solutions don't offer all-inone tools to create, schedule, and manage automated tasks without scripting or programming.



An Aberdeen group survey asked buyers of MFT systems what their driving issues were, and they named the following:

- ✓ **Improved productivity:** 65 percent of responders sought improved productivity for their file transfer operations.
- ✓ Preventing data loss (security): 39 percent were driven by security and compliance concerns.
- ✓ Collaborating with partners: 37 percent recognized the value of MFT to reduce the cost and complexity of integrating with partners.
- ✓ **Improving reliability:** One in three purchasers of MFT solutions did so to reduce transfer errors and deliver 24/7 file transfer operations to their organizations.

Note: Survey respondents were allowed to select all that applied to their environment so percentages total greater than 100 percent.

Transforming File Transfer Operations and Business Agility through Automation

With MFT, every repetitive process involving the movement of data can be automated:

- ✓ Push files to remote servers across the open Internet. For example, securely push financial transaction records in the data center to remote servers at the corporate bank.
- ✓ Pull files from remote servers across the open Internet. For example, securely pull timecard or payroll data from local worksites into the data center every day at 5:00 p.m.
- Orchestrate movement of files between people and systems. For example, when patient records are received, the data is automatically uploaded into the insurance system, and an email is sent to the insurance agent to process the compensation claim.
- ✓ Process (encrypt/unencrypt or translate) and transfer files based on schedule or event. For example, inventory status records are exported from the business system once it goes below a certain level; the file is then translated into the vendor-defined format and securely transferred.
- Move files from any platform or storage device. For example, updates to any form of records, whether lab tests or clinical procedures, can be pushed or pulled to a patient information portal upon an upload activity.

Automation Supports All Methods of File Transfer

MFT automates movement of files from *process to process*, which is how companies use MFT to securely connect systems across the open Internet, such as the in-house general ledger system to the banking systems at their corporate bank.

Whenever copies of files are needed because one process feeds another, the benefit of automated MFT can be seen.



Anytime data is being transferred between third parties you have two choices: Keep it locally where the response is very fast and have endpoints push or pull automatically or manually. Or automatically or manually push to systems at remote locations. Many times customers or large vendors dictate the approach, so you need an MFT that can support both models.

In addition to *process-to-process* file transfers, a second file transfer method that MFT automates is *process to person*. This operation is used, for example, to securely push a sales report to your email or mobile device every day.



Process to person is most often used to obtain periodic copies of management reports, task lists, and other sales and management reports.

Person-to-process operation could be a repair shop owner uploading from a web browser images of a repaired vehicle and text file of itemized costs to the insurance company server. The files can then automatically be uploaded into a back system or moved to storage. It's an easy way for a person to put information into a business system with low development costs.

Generally, an MFT solution wouldn't be installed solely for *person-to-person* transfers. But it's an additional benefit of MFT and should be considered as an ancillary benefit. *Person-to-person* MFT is commonly used to satisfy ad hoc business processes. Maybe a partner or a customer needs a copy of some documents now, so the paperwork is best sent in a secure and logged way.

MFT reduces costs and increases productivity. A few mistakes can kill productivity because of lost business and the large amount of time people spend trying to fix the problem. And a fully secure and safe system can lead to any number of innovations and make your company much more responsive and agile.

Chapter 4

Studying the Real-World Benefits of MFT

In This Chapter

- ▶ Seeing security, visibility, and automation in action
- Using customer responsiveness, compliance, and auditability to your benefit
- ▶ Getting automation, security, and ease of use
- ▶ Being productive

ne way to explain managed file transfer (MFT) and its value is to give examples of companies that have successfully made use of the technology. MFT comprises three dimensions of value: reducing costs, reducing risks, and improving IT agility, which increase the top line. In this chapter, I give you a few cases across different industries that may help you understand how MFT can be used.

Security, Visibility, Automation

Monsoon, headquartered in the UK, is an international fashion retailer of women's and children's clothing and accessories. The company has a number of subsidiaries, partners, and suppliers that all used FTP as their file transfer solution. Monsoon wanted to ensure that it met all its security and compliance requirements as well as improve governance over files. Monsoon also wanted to cleanly and easily integrate with its existing systems, especially for banking transactions.

The company had three areas where it wanted to manage and automate file transfers: International Operations, Operations Data Interchange, and secure banking transactions. It wanted to provide simple and secure manual transfer but automate major workflows and ensure privacy and confidentiality with end-to-end encryption, non-repudiation, and extensive customizable reporting.

Being aware of the number of data breaches occurring, some with multi-million dollar consequences, security was incredibly important, but Monsoon wanted this security without increasing user overhead or complexity.

After evaluating a number of alternatives, Monsoon chose the MFT solution because it was the only solution with security, visibility, and automation. The results Monsoon sought and achieved were

- ✓ A single web interface to manage all data flow
- ✓ A secure environment that satisfied regulatory compliance
- Expanded deployment to cover all locations, including e-commerce sites

Customer Responsiveness, Compliance, Auditability

A leading provider of supplemental health insurance benefits and financial services to a wide range of employee groups, this major U.S. health insurance provider believed outstanding customer service was its secret sauce. That meant exceeding its clients' needs for timely, reliable, and secure exchange of data while also maintaining the strict security and auditability that regulations require. The firm was using a vendor solution that required the generation of a lot of scripts and code to automate its file transfer needs. So the company started a project to understand all its file transfer needs.

One key partner was a bank that used and highly recommended an MFT package that would work out of the box, fit with the existing infrastructure, and could easily be managed

by an entry-level administrator, which freed up senior security staff and coders for other work.

Other crucial areas were compliance and audit. The business had to prove to the file recipients that the files arrived in a secure and timely manner. And MFT provided the predictability and comprehensive reporting that were necessary to the business. MFT kept the backend systems in sync with partners, customers, and banks, and MFT was also used to synchronize files among the company's own business units. Some of these files are very large with critical data, such as names, SSNs, and other account information. And of course they must meet all Model Audit Rule (MAR) requirements as well.

Finding an automated MFT system that supports many devices, strictly complies with a number of privacy and security standards, and is easily administered by an entry-level operator proved to be a great business decision. The major benefits realized included

- Comprehensive visibility and control of the transfer and storage of all files between customers, employees, partners, and business systems
- Enterprise-wide automation of almost all file transfers
- A much easier way for employees to transfer large and sensitive files on an ad hoc basis
- Using redundant MFT servers, automatically achieved high availability and scalability

Productivity

Viva Health provides health insurance for hundreds of thousands of individuals, and it was writing scripts to automate file transfer and comply with governmental regulatory requirements to protect Patient Health Information (PHI). But creating, maintaining, operating, and auditing these scripts was a tedious and error-prone task. Determining if a particular file was transferred, where it went, and when it got there required a lot of manual backtracking through log files. Changing passwords was difficult and often required a lot of manual rescheduling of batch jobs. And because files were being transferred to and from pharmacies, doctors' offices,

hospitals, and Medicare accounts, there were many different protocols and security methods in use.

Viva Health realized that it was spending a lot of time on manual tasks that took away from the opportunity to innovate and be agile in adding new services and being more responsive to customers and partners. The company decided to replace all of this with a robust MFT solution that enabled scheduled and ad hoc file transfers without all the worry of security weaknesses, mistakes, and almost constant maintenance of scripts and operational procedures.

Viva Health estimates that it not only saved the equivalent of two full-time employees, but also it freed up capacity on a number of systems. The MFT solution handled all aspects of encryption, automation, and logging as well as eliminated the need of IT to constantly be looking over people's shoulders to make sure file transfers were taking place as required. The company also found many unplanned benefits in performing ad hoc manual transfers, proving that it was compliant with regulatory requirements. Viva Health also was able to prove that specific transfers took place as planned. Not having to worry about file sizes and not having to work with multiple programs and user interfaces proved to be a huge boon to operations.

Chapter 5

Ten Major MFT Requirements

In This Chapter

- **▶** Using automation
- Making sure you have centralized logging
- ▶ Deploying in the cloud

hen choosing the managed file transfer (MFT) solution for you, you must consider what the top things to look for are. In this chapter, I give you a list of the top 10 (okay, there's actually 12) considerations for an MFT solution.

Automation

The most important item is whether your MFT solution will automate your file transfer tasks and eliminate the need to write and maintain scripts, eliminate manual tasks, and eliminate the need for extensive training. An all-in-one MFT automation solution that offers security, connectivity, and scheduling is a game-changer to enhance IT agility.

Single System Capability

Because the best MFT solutions can handle many types of transfers, you should always demand a single system capable of satisfying all methods of file transfer. Check out Chapter 3 for more on this topic.

Integration with IT Security Infrastructure

Because most companies already have IT security infrastructure in place, you want to use your existing infrastructure rather than create yet another directory or security service provider. Ensure that your MFT solution integrates with your existing services. Chapter 2 goes into the various security systems in detail.

Centralized Logging

Complete, centralized logging of all file transfer activities, enterprise-wide, is another requirement. This logging of time, who, what (by file and not just total bytes going across the line), and the success or failure is mandatory to pass audits and to prove compliance with regulations.



Make sure that the logs are tamperproof and maintain a consistency check that prevents tampering. More detail may be found in Chapter 2.

Accessibility — Anywhere, Any Device, Any Application

As business becomes more responsive, it becomes necessary to invoke file transfers or verify operations from many locations and devices, all with single sign-on (SSO).

Self-Administration

Business users, like most consumers, have become used to self-administration of their applications. MFT solutions enable users to self-provision and view status of file transfers, freeing the IT administrator to perform other tasks. Self-provisioning means to on-board new partners and invite users to participate in secure file transfers.

Easy Deployment

The system should not only be friction-free in the initial setup and configuration, but also ongoing activities such as adding new users and new partners as well as performing feature updates should also be easily accomplished.

End-to-End Encryption

Often files are staged before being transferred. The data may be an extract or a report from a database. It's usually a requirement and always a good idea to have end-to-end encryption — meaning that the data isn't merely encrypted on the network but encrypted while sitting on storage devices. If you are concerned about security or need to honor security regulations, such as Payment Card Industry (PCI DSS), Health Insurance Portability and Accountability Act (HIPPA) requirements, you need an MFT system that supports all the popular encryption techniques.

Guaranteed Delivery, Non-Repudiation, and Expiration Rules

Depending on your security desires, you may need an MFT that guarantees delivery (or reports if delivery isn't possible), prevents the receiver from changing the document or saying he or she never received it, and expires the data after a specified time period. Chapter 2 covers the security requirements commonly specified in compliance standards.

Deploying in Cloud and On Premise

Today's businesses deploy applications and data in many places on many technologies. You may want to require that the MFT application be capable of deployment on local data centers as well as public clouds. Additionally, data must be able to move to and from any data center or public cloud.

Supporting users from different organizations at the same time on the same system without any possibility of compromise is usually required as well. This is called multi-tenant configuration, and like an apartment building where there may be one structure holding multiple apartments, each is protected from the others by secure mechanisms.

Scalability

When your activity levels overload one server, the best solution is spreading the activity across several servers. You should look for an MFT system that will spread the workload across all available servers automatically. Yet provide central management and control.

Automatic Failover Capabilities

Having automatic failover capabilities ensures that any file transfer in process is continued or restarted and that any new scheduled or ad hoc requests will be honored even when there is a service interruption.



This requirement has two benefits:

- ✓ 24/7 continuous operations (since business depends on file transfers)
- Zero data loss with automated failover in the best MFT solutions

. IPSWITCH



File Transfer Made Simple and Secure

MOVEit is an automated file transfer solution that lets you schedule, view, and secure your business critical file transfers with reduced cost.



Improve Security & Compliance

MOVEit makes it easy to comply with data security regulations, protect data, and pass audits.



Increase IT Agility

MOVEit provides a simple, yet powerful user interface that anyone on your IT team can use for processing files, scheduling transfers and defining business workflows.



Reduce Costs

MOVEit can be implemented by your IT team, integrates with IT security systems, and lets end-users self-manage.



To learn more about MOVEit Managed File Transfer, view our two-minute video.

www.ipswitchft.com/go/moveit-video

Securely automate your business critical file transfers and reduce costs

How you protect file transfers in the borderless enterprise is changing. While it's imperative to share data today with customers and business partners, you must deal with the many regulations that protect data and the dangers of insecure files transfers. This book explains the key factors to automate and secure data exchange in the borderless enterprise.

- Discover MFT understand the new generation of file transfer solutions
- Maintain security in the borderless enterprise — learn about data protection requirements
- Take a look at partner integration considerations — examine how to reduce cost
- Increase IT agility automate file transfer tasks

Randy Franklin Smith is a security expert and has written over 300 articles on Windows security issues. His writings have appeared in publications like Information Security Magazine and Windows IT Pro



Open the book and find:

- Why managed file transfer matters
- The basics of file transfer security and compliance
- Tips to reduce compliance costs
- Ways to reduce partner integration costs
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