

**GO ANYWHERE**<sup>®</sup>  
Managed File Transfer

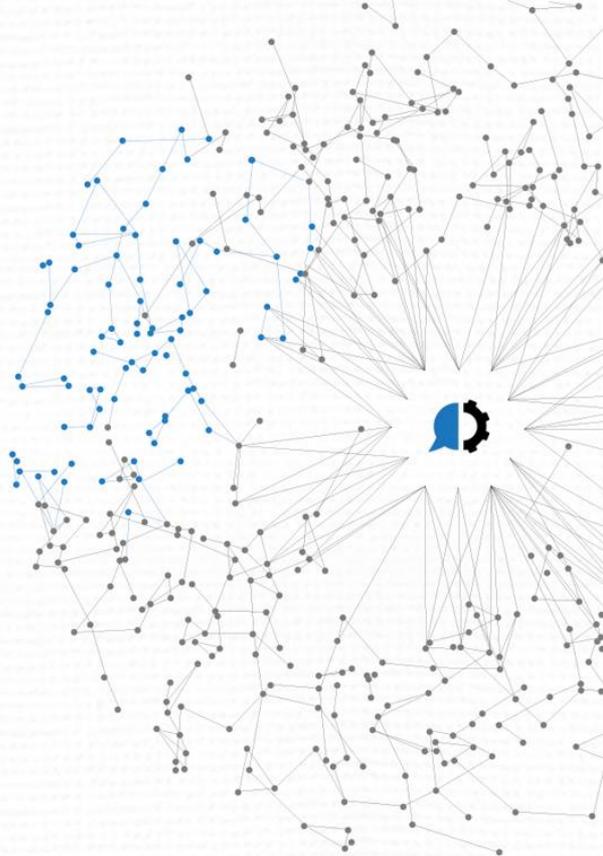
Secure and Automate Your File  
Transfers for Linux

[www.goanywhere.com](http://www.goanywhere.com)



## Agenda

1. About HelpSystems
2. Common File Transfer Challenges
3. Best Practices for Secure File Transfers
4. GoAnywhere MFT Overview
5. Live Demonstration
6. Q&A



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# Today's Presenters

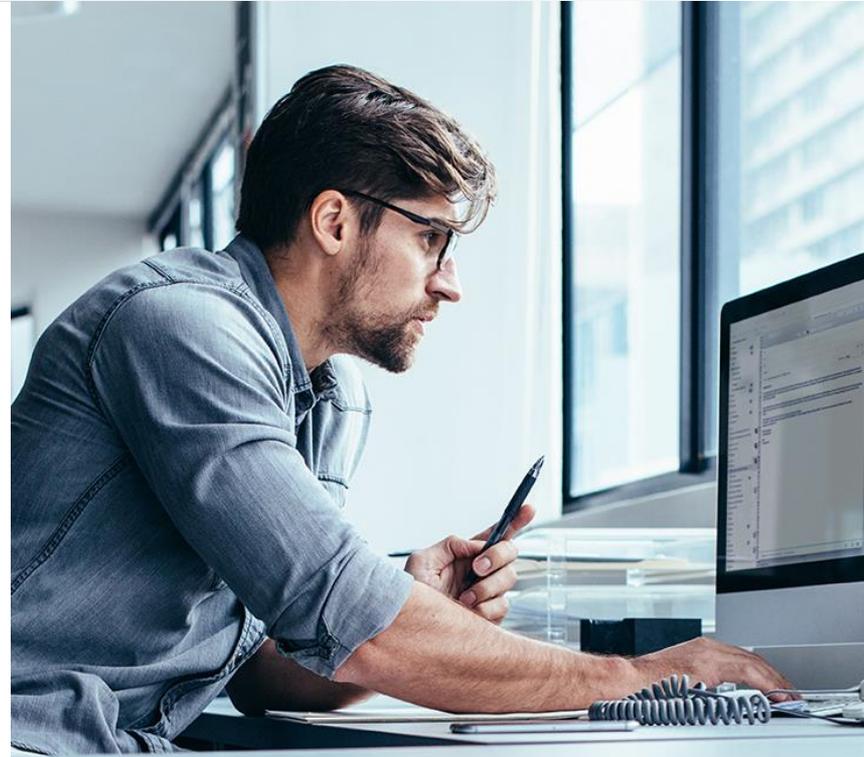


**Heath Kath**  
*Senior Solutions Consultant*  
HelpSystems

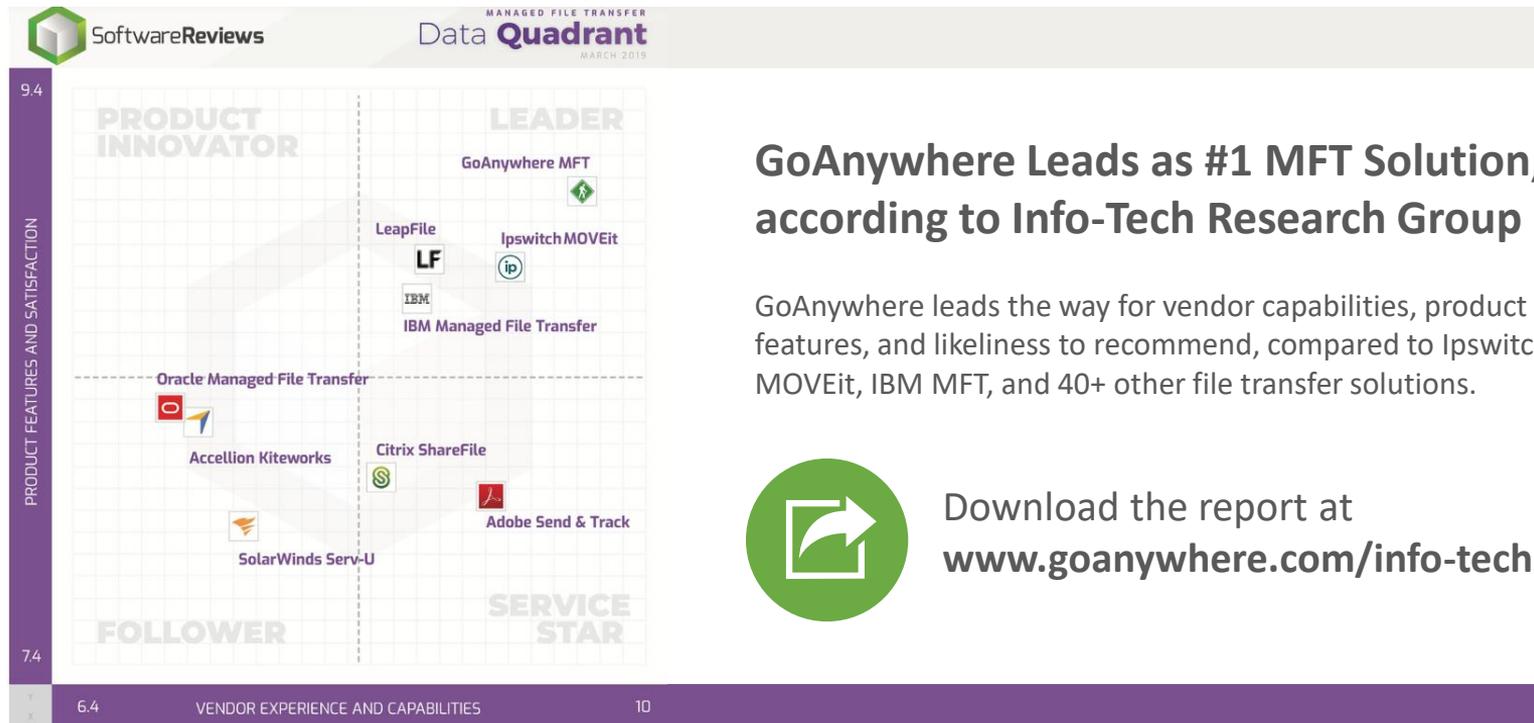
# About HelpSystems



- Over 35 years in business
- 750+ employees in twenty-five offices around the world
- Focuses on security, automation, and operations management
- Ensures excellent customer service in all areas of business
- Maintains active R&D team for GoAnywhere solutions
- Almost 99% of GoAnywhere customers renew their maintenance each year
- Member of the PCI Security Standards Council



# 2019 Info-Tech MFT Data Quadrant



## GoAnywhere Leads as #1 MFT Solution, according to Info-Tech Research Group

GoAnywhere leads the way for vendor capabilities, product features, and likeliness to recommend, compared to Ipswitch MOVEit, IBM MFT, and 40+ other file transfer solutions.



Download the report at [www.goanywhere.com/info-tech](http://www.goanywhere.com/info-tech)



## 1

### Human Error

*For example, when a user:*

- Forgets to perform file transfers at the correct times
- Sends the wrong files
- Sends files to the wrong trading partner
- Doesn't protect the files properly
- Doesn't have coverage to send the files when on vacation or sick



## 2

## Inefficient Methods

*These methods include:*

- Old technology like FTP or PC tools
- Traditional emails
- Manual scripts that need a dedicated IT person to maintain them
- Time-consuming processes; a lack of automation for batch transfers



## 3

### Lack of Encryption

*This often includes:*

- Sensitive files that are kept in the “clear” on servers and laptops
- Sensitive files that are sent as unsecured email attachments
- Users that share files “in the cloud” without security controls (e.g., Dropbox)
- A lack of internal policies to address file sharing and transfer (this is a liability risk)



4

## No Error Alerts or Audit Logs to Meet Compliance Requirements

*For example:*

- You're not always alerted when file transfers fail or succeed
- If logs are generated, they're hard to find and filter for your requirements

It's hard to meet data privacy regulations (e.g., PCI DSS, HIPAA, the GDPR) without centralized logs.

# Best Practices for Secure, Efficient File Transfers

1

Use secure protocols like SFTP to encrypt files in transit (do not use standard FTP).

2

Encrypt files at rest (you can use OpenPGP or AES).

3

Set up batch workflows to automatically process files.

4

Generate detailed audit trails.

5

Use a managed file transfer (MFT) solution to simplify and protect file transfers from a centralized interface.



# Introducing GoAnywhere MFT



# GoAnywhere MFT: Overview



**Access Anywhere**



Web Browser,  
Command Line, API...

- Workflow Automation
- Encryption
- Compression
- Data Translation
- Scheduler
- Folder Monitors
- Inbound and Outbound
- Ad Hoc and Batch
- File Sync and Sharing
- Custom Secure Forms
- Secure Email
- Partner Management

**Alerts**



**Audit Logs & Reports**



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Managed File Transfer

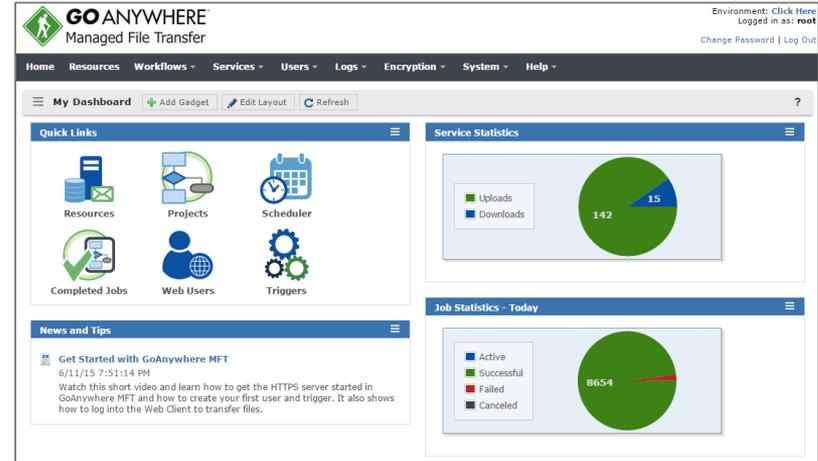


Platforms	File Services	Cloud	Databases	Applications	MFT Agents
					
Windows, Linux, IBM i, AIX, Solaris, UNIX, Mac	SFTP, SCP, FTPS, FTP, AS2, HTTP/S, SMB, Email, WebDAV	Amazon, Azure, Web Services	SQL Server, MySQL, DB2, Oracle, PostgreSQL, Sybase, Informix...	Scripts, Programs, Commands, MQ, SNMP, ICAP	Remote Workflows and File Transfers

# GoAnywhere MFT: Enterprise Features



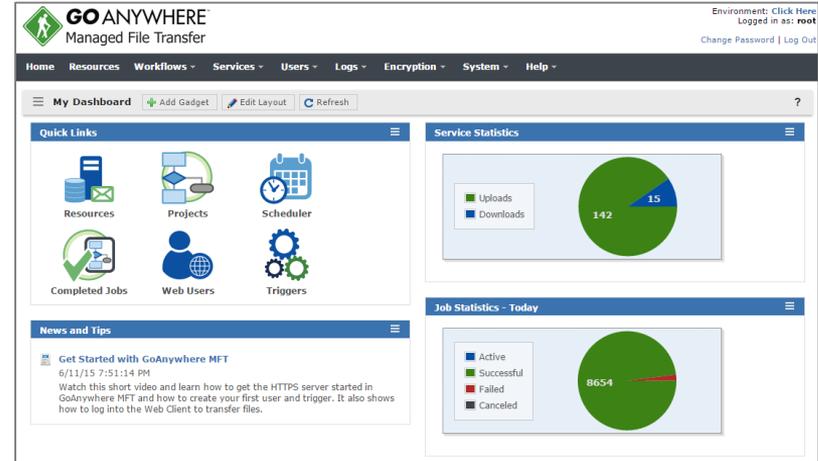
- ▶ **Multiplatform** - Installs to most operating systems including IBM i, Windows, Linux, AIX, UNIX, Amazon and Azure.
- ▶ **Batch and Ad Hoc** - Allows organizations to perform both scheduled batch transfers and user-to-user file sharing.
- ▶ **Auditing** - Generates detailed audit logs of all file activity including batch, ad hoc, inbound and outbound transfers.
- ▶ **Interface** - Provides a browser-based interface for all administration and monitoring. No desktop client is needed.



# GoAnywhere MFT: Enterprise Features



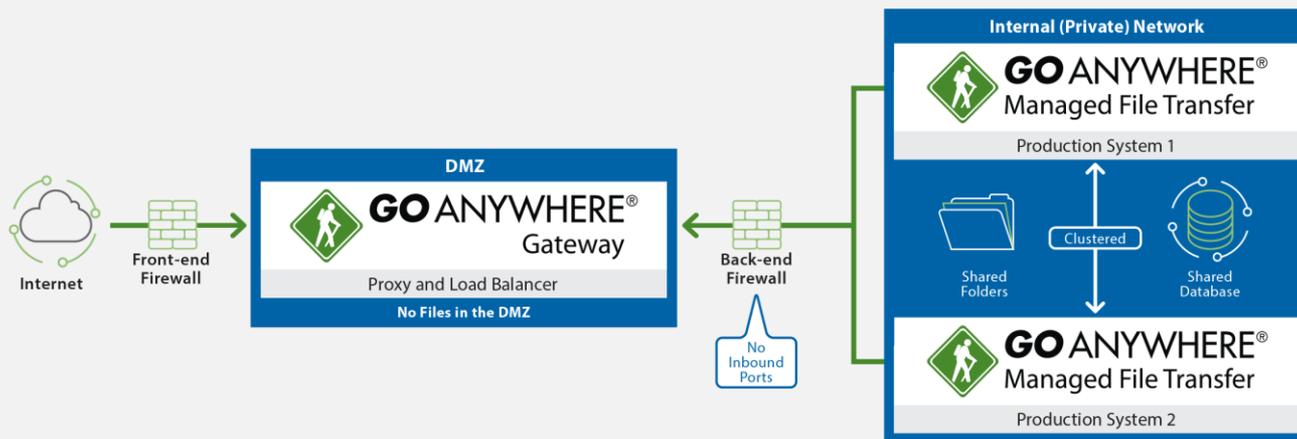
- ▶ **Inbound Services** - Allows inbound connections from trading partners over SFTP, FTP/S, HTTPS and AS2 (Drummond Certified).
- ▶ **Encryption** - Protects files at-rest and in-motion with FIPS 140-2 validated AES-256 encryption.
- ▶ **Key Management** - Provides integrated tools for creating and managing Open PGP keys, SSH keys and SSL certificates.
- ▶ **Admin Controls** – Implements role-based administration, security domains and granular permission controls.

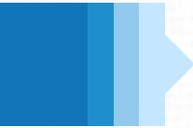


# GoAnywhere MFT: DMZ Secure Gateway

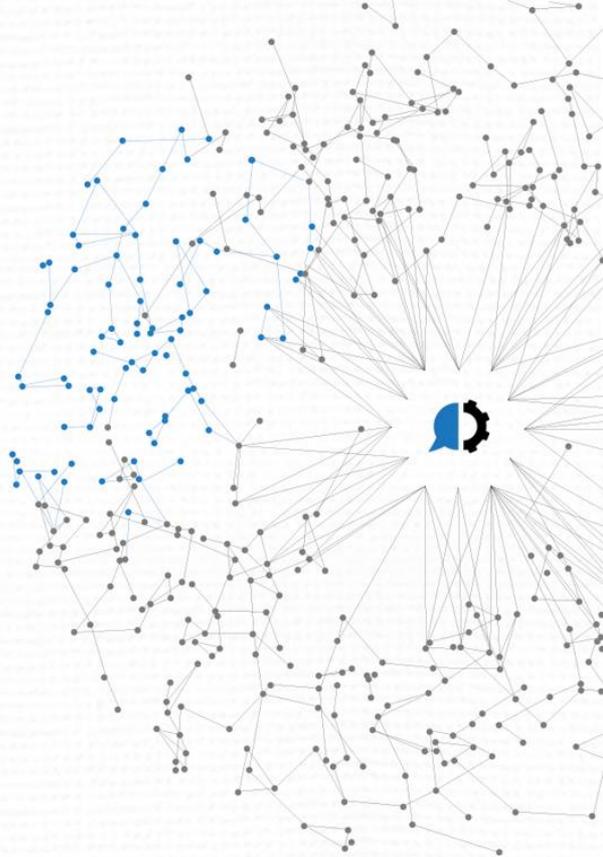


- ▶ No incoming ports are opened into the private (internal) network.
- ▶ No sensitive files are stored in the DMZ.
- ▶ User credentials are maintained/stored in the private network.
- ▶ Gateway supports FTPS, SFTP, SCP, and HTTPS file transfer protocols.
- ▶ No special hardware components. This is a software-only solution.





## Live Demo



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## IBM i (iSeries)

Operating System	V7R1 or higher
Disk space requirements	275 MB per product (not including user data)
Memory requirements	512 MB minimum per product
JRE (Java Runtime Env.)	Java SE 8 32 bit or Java SE 8 64 bit

## UNIX / AIX / Solaris / HP-UX:

Disk space requirements	250 MB per product (not including user data)		
Memory requirements	512 MB minimum per product		
JRE (Java Runtime Env.)	JRE's that can be used		
	Oracle Java SE 8	Azul Zulu Java SE8	IBM Java SE 8

# Installation Requirements



## Linux (32-bit and 64-bit):

Distributions	Red Hat, SUSE, Ubuntu, CentOS (not inclusive)
Disk space	375 MB per product (not including user data)
Memory	512 MB minimum per product

## Windows (32-bit and 64-bit):

Operating System	Windows 2016, 2012, 2012 R2, 2008 R2, XP, Vista, 7, 8, 10
Disk space	375 MB per product (not including user data)
Memory	512 MB minimum per product

Virtualized  
Environments:



# Still using OpenSSH on Linux? (SFTP Client on Linux)



## ADVANTAGES

of using GoAnywhere MFT:

- ▶ Browser interface
- ▶ No Programming
- ▶ Central solution to manage SSH keys
- ▶ Integrated scheduler and Monitoring of folders 'automation'
- ▶ Auto-retry connection to SSH servers
- ▶ Auto-resume SFTP transmissions
- ▶ Authenticate transfers using passwords and keys
- ▶ Encrypt and decrypt using Open PGP
- ▶ Send email alerts or text messages

# Still using OpenSSH on Linux? (SFTP Server on Linux)



## ADVANTAGES

of using GoAnywhere MFT:

- ▶ Manager trading partners with ease
- ▶ Authenticate partners without OS-level user accounts
- ▶ Set granular permissions and disk quotas per folder
- ▶ Auto-blacklist IPs from DoS and Brute-force attacks
- ▶ View user session activity in real time
- ▶ Use FIPS 140-2 validated AES-256 encryption
- ▶ Generate audit trails of all file transfers and events
- ▶ Keep inbound ports closed into the private network\*
- ▶ and more...

# Thank you for joining us!



**Try GoAnywhere free for 30 days:**

[www.goanywhere.com/trial](http://www.goanywhere.com/trial)



**Reach out with any questions:**

[heath.kath@helpsystems.com](mailto:heath.kath@helpsystems.com)

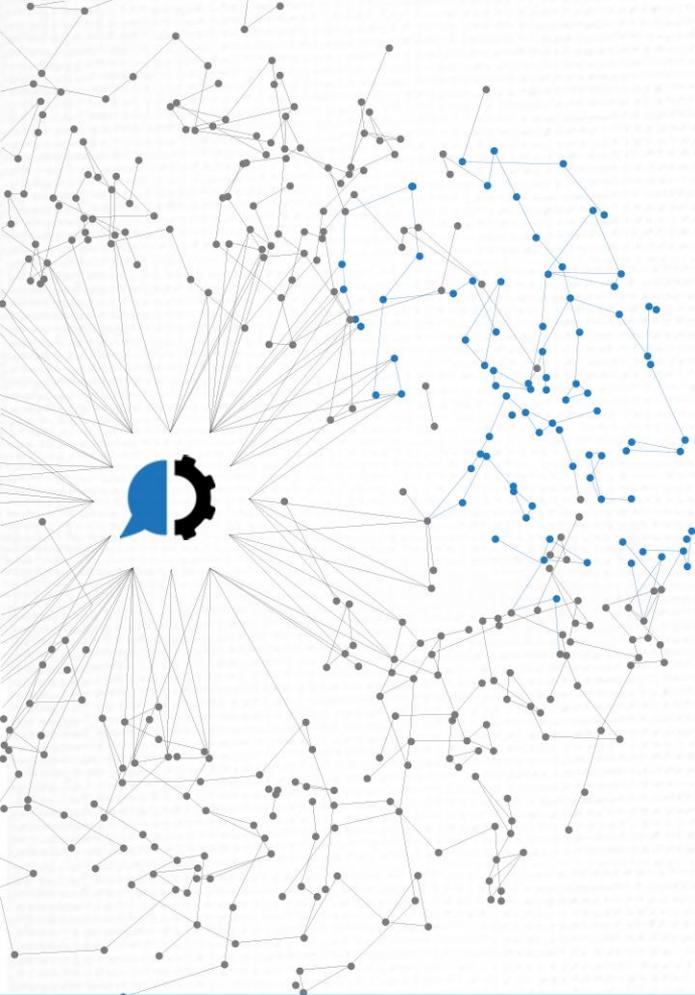
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Any  
Questions



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THANK YOU