



How to Centralize and Secure File Transfers Organization-Wide

goanywhere
by HelpSystems



Let us help you Build a Better IT™

Today's Presenters



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Agenda

1. About HelpSystems
2. Data security challenges
3. Common collaborative tools and their risks
4. HelpSystems' proposal for safe collaboration
5. Q&A

Our Security & Automation Solutions



35+ Years
in Business



\$360+M
in US Revenue



25+
Worldwide Offices



1000+
Employees



20,000+
Customers

Security

Data Security

Identity & Access Management

Infrastructure Protection



Automation

Robotic Process Automation

Workload Automation

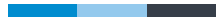
Infrastructure Automation



A Global Perspective

1000+ employees and 25+ offices across 13 countries

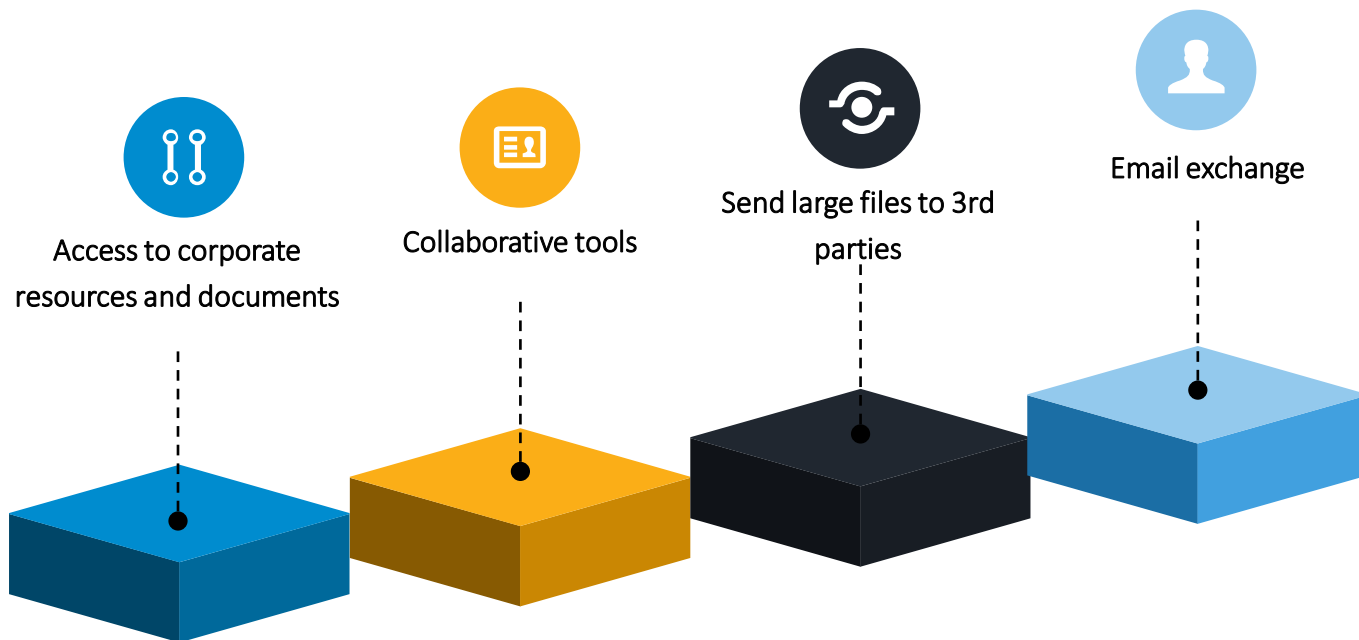




Data Security Challenges

Data Security Challenges

Using disparate, unsecure file sharing methods across your organization opens you up to threats and breaches you are working hard to avoid.

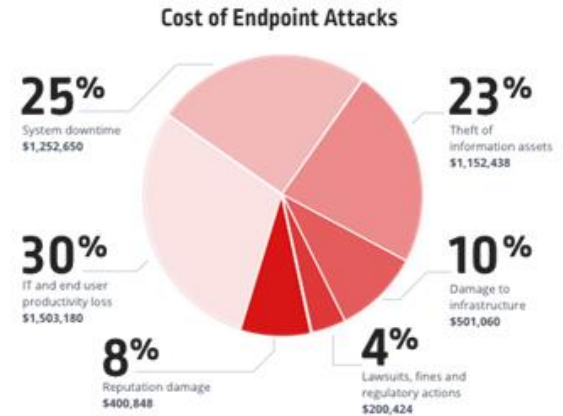


Some Trends in Security

- ▶ **8.3 billion records stolen in Q3 2020 from data breaches (2.5 billion in all of 2017)**

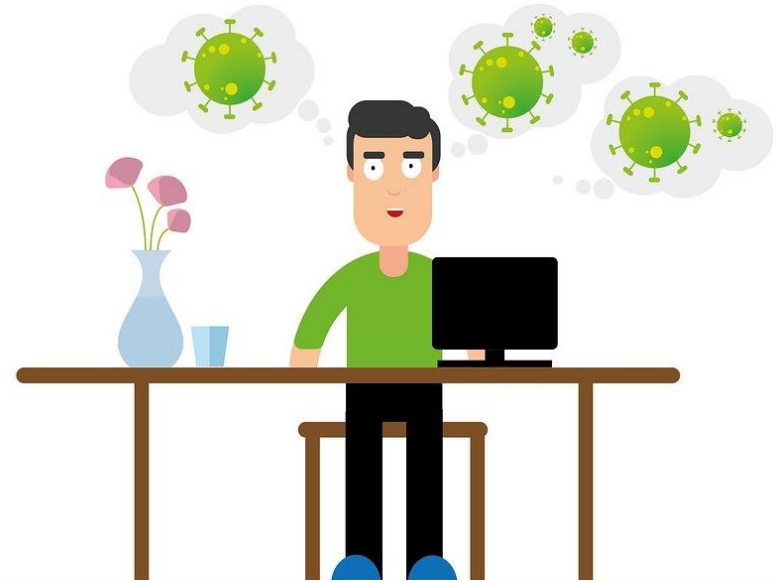
- ▶ Main trends:
 - ▶ Human error still as a main problem: accidental loss, bad configurations, etc.
 - ▶ Internal threats continue to grow (28% of total).
 - ▶ 58% of the attacks targeting mid-size companies (<250 employees).

- ▶ Average cost of a data breach is over \$3.5 million.
- ▶ Gartner estimates that security spending in 2017 was more than \$86.4 billion.
- ▶ Threats will keep evolving rapidly.



Remote Work and Data Security

- ▶ Awareness of the security risks
 - ▶ Home can be the perfect bridge to access company information
 - ▶ Taking precautions in your personal work environment
- ▶ Refocusing procedures
 - ▶ Model "from anywhere, at all times and by any device"
 - ▶ Security policies remain in place
- ▶ Provide tools for efficient, secure telework:
 - ▶ Communication
 - ▶ Management
 - ▶ File management and sharing



Free is Best, Right?

Maybe not when it comes to EFSS tools...



YES, THEY'RE FREE... BUT THERE'S STILL A COST

Are the features robust and secure enough for your organization's needs?



DO THEY MEET YOUR BUSINESS REQUIREMENTS?

Can you send large file attachments? Does the tool help you comply with requirements like PCI DSS, HIPAA, and the GDPR?

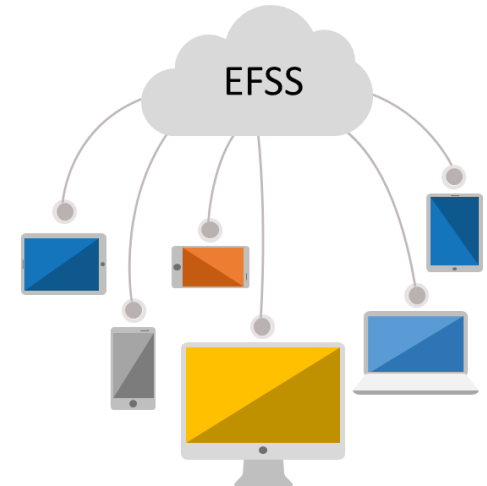


DO THEY OFFER AMPLE SECURITY?

Most free tools lack encryption and access controls, presenting risks for your organization's data security.

Common tool

Cloud Storage Services



Why Managed File Transfer?

GoAnywhere MFT

Our managed file transfer solution, GoAnywhere MFT, is the fastest-growing solution on the market. Deployable on-premises, in the cloud, in a hybrid environment, or hosted by HelpSystems, we streamline secure exchange of data between systems, employees, customers, and trading partners.



ICAP Integrations
for
Data Loss Prevention
and Anti-Virus
Scanning



Secure File Transfer

Move files with extensive security controls to meet compliance requirements.



Automated Workflows

Eliminate the need for custom programs/scripts, single-function tools, or manual processes.



Centralized Admin

Single, easy-to-use platform with a modern web-based interface

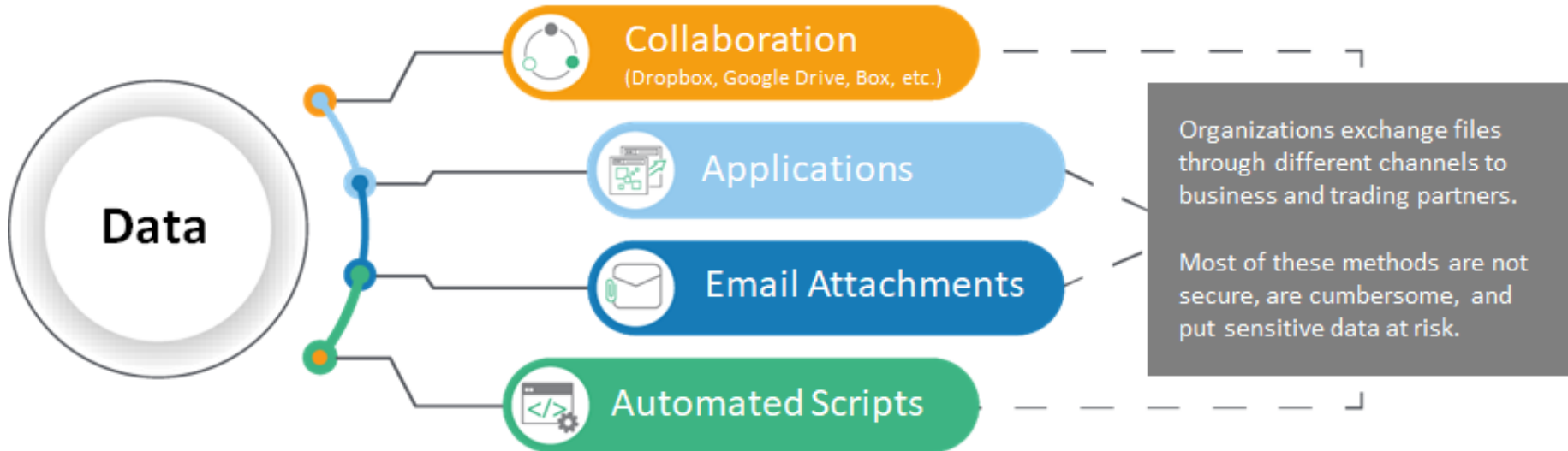


Inbound Connections

Support for industry-standard protocols, like SFTP, FTPS, AS2/3/4, and HTTPS

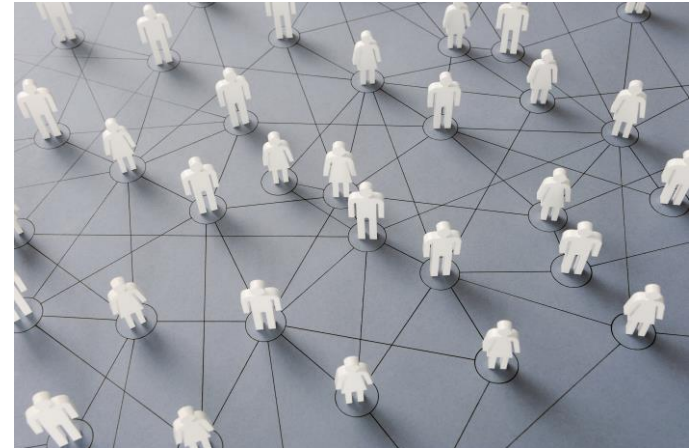
Multiple Solutions Exchange of files

Less secure methods



Decentralized Administration

- ▶ Complex administration of various scripts, tools, and solutions
- ▶ Different applications to activate services to receive information from third parties such as SFTP, FTPS, HTTPS, AS2, etc.
- ▶ Management of service users in multiple applications/systems
- ▶ No integration with Active Directory/LDAP, doesn't provide MFA
- ▶ Management of encryption keys is cumbersome



Limited Automation Capabilities

- ▶ Reliability: No auto-resuming and retry mechanisms to ensure delivery
- ▶ Simple workflows: Limited automation for file transfer. No data transformation or integration between applications capabilities
- ▶ Users manually operating with sensitive data: payment of payroll, orders, etc.
- ▶ File encryption/decryption is still a manual process



Why Managed File Transfer

SECURE FILE EXCHANGE MANAGEMENT

CENTRALIZED ADMINISTRATION

FULL TRACEABILITY AND CONTROL

AUTOMATION

Why Isn't Encryption Enough?

Even if it is secure...

- ▶ Viruses, malware and advanced persistent threats should NOT be allowed to be transmitted at all.

Even if it is secure...

- ▶ You would like to know what is being transmitted.
- ▶ You may want to allow PII to be transmitted by some individuals, although not all.

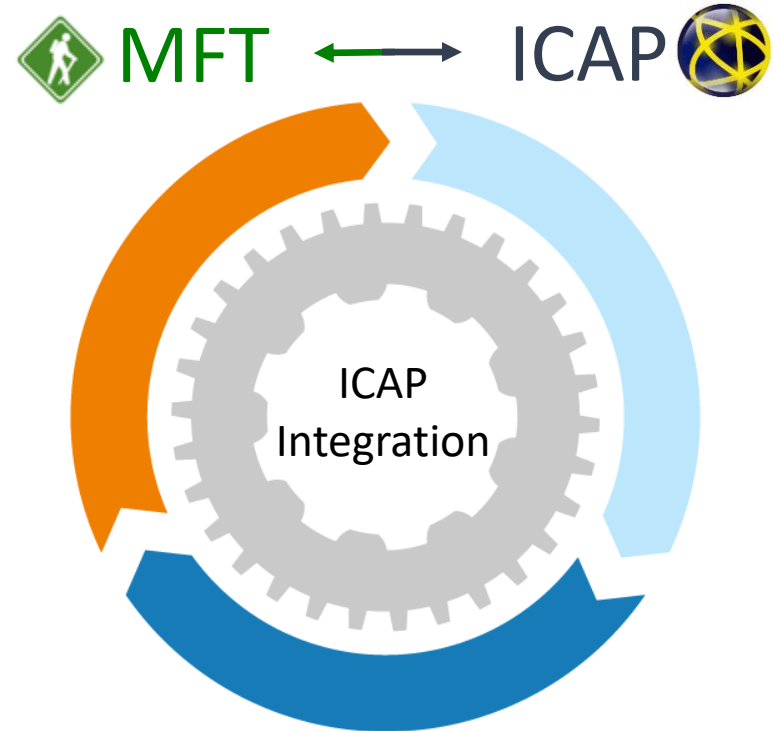
Even if it is secure...

- ▶ Having the ability to audit who is sending what is a requirement for many organizations.

Use Case GoAnywhere and Clearswift

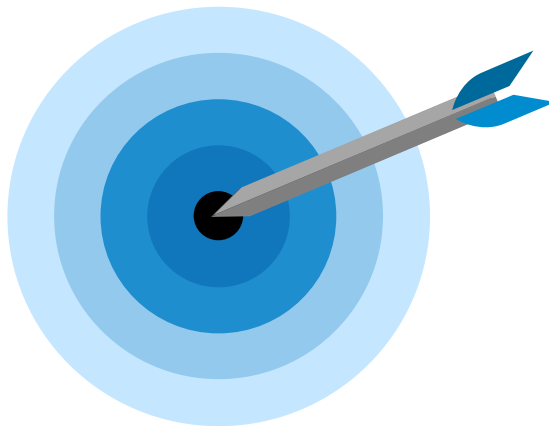
How it works...

- 1 MFT securely transfers attachments between employees or trading partners.
- 2 The ICAP Gateway only intercepts content when threat protection and DLP requirements exist.
- 3 ICAP runs rule set (keyword search, executable renaming, script removal, etc.).
- 4 If the content *can* be sanitized, the transmission is allowed and continues.
- 5 If the content *cannot* be sanitized, the transmission is blocked.



How MFT Helps with File Sharing

▶ Collaborative tools for end users



▶ Threat Protection and DLP Awareness



Secure Folders

Manage user access & permissions on central server folders



GoDrive

User-to-user file synchronization and file sharing



Secure Forms

Gather encrypted data from users for automatic processing



Secure Mail

Send encrypted messages and files without size limitations

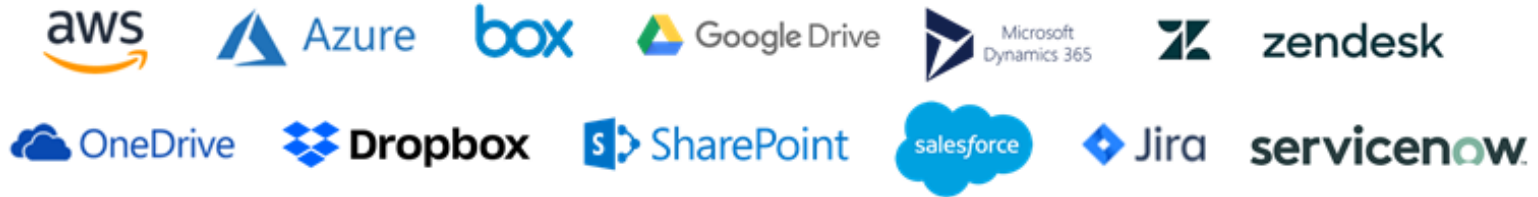


Cloud Connectors

Securely interface with your current Cloud storage services

Cloud Application Connectors

Out-of-the-box integration with the most common cloud applications



























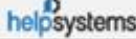









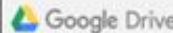



Build your own Cloud Connectors with our intuitive drag-and-drop interface.



Download Cloud Connectors from our **online marketplace**.



GoAnywhere MFT Marketplace Cloud Connectors

	Alibaba Object Storage Service		Google Translate		Jenkins Connector
	Amazon CloudTrail		Jira Connector		MetaDefender
	Amazon CloudWatch		Service Now		MS Dynmaics 365 Business
	Amazon EC2		ShareFile		MS Dynamics 365 CRM
	Amazon ECS		Trello Connector		MS OneDrive
	Amazon Lamda		Veeva CRM		MS SharePoint Online
	Amazon SNS		Dropbox Connector		SMA OpCon Scheduler
	Amazon SQL Cloud		Egnyte Connector		SOS Berlin JobScheduler
	Automate Enterprise		GateScanner CDR		Salesforce Connector
	Azure Data Lake Storage Gen1		GoAnywhere Command		Votiro Connector
	Azure Data Lake Storage Gen2		Google Cloud Storage		Webdocs Connector
	Azure Storage Queue		Google Drive		Zendesk Connector
	Box Connector		JAMS Connector		

Server Connectivity

- ▶ File Systems
 - ▶ Network Shares (SMB/CIFS)
 - ▶ Local File System
 - ▶ WebDAV
 - ▶ Amazon S3
- ▶ Database
 - ▶ DB2
 - ▶ Oracle
 - ▶ Microsoft SQL Server
 - ▶ Sybase
 - ▶ MySQL
 - ▶ PostgreSQL
 - ▶ Informix
- ▶ Enterprise Messaging (JMS)
 - ▶ Websphere MQ
 - ▶ SonicMQ
 - ▶ ActiveMQ
 - ▶ SwiftMQ
- ▶ FTP
 - ▶ Standard FTP
 - ▶ SFTP (FTP over SSH)
 - ▶ FTPS (FTP over SSL)
 - ▶ SCP (Secure Copy)
- ▶ File Acceleration
 - ▶ GoFast
- ▶ Web Sites
 - ▶ HTTP
 - ▶ HTTPS (HTTP over SSL)
 - ▶ Web Services (SOAP/REST)
 - ▶ AS2
- ▶ Email
 - ▶ POP3
 - ▶ IMAP
 - ▶ SMTP



Microsoft

ORACLE

SYBASE

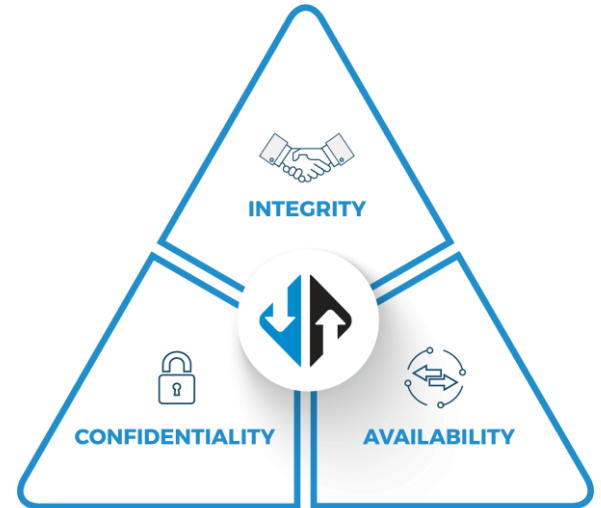
Informix



MySQL

Secure File Transfers

- ▶ **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.



Use Case #1

GOVERNMENT & PUBLIC SECTOR

INDUSTRIES

California City Government



The creative ways this California city streamlines their file sharing proves you can use your managed file transfer solution to achieve almost any business need.

- **Police department:** This department uses MFT software to collect large surveillance clips from recent crime victims. Their solution sends a "File request URL" to a victim through a secure email. The recipient, in turn, clicks the URL and uploads a video file to the department's MFT web client.
- **Records bureau:** This department uses MFT software to transfer voice recordings and transcriptions to a third-party vendor for processing. All files are encrypted to follow cybersecurity best practices and remain compliant with mandatory regulations.

Other departments transfer internal engineering data files to outside consultants.

U.S. State Government

One state implemented MFT's secure form functionality to give overseas military personnel a safe and convenient way to electronically send their ballots to an authorized election official.

With a secure form in place, soldiers from that state are able to visit a URL from a computer or mobile device; scan, attach, and encrypt their ballot; add information like their name and county; and submit the form for processing.

TRY IT

You can create secure forms with GoAnywhere's Secure Forms module! [Explore its features and functionality](#) on our overview page or read this article to [discover 15 ways you can avoid document chaos](#) with a Secure Forms implementation.

See also: **Secure Forms Examples**

Use Case #2

Pharmaceutical Company

INDUSTRIES



Sometimes, you just need a way to extract an XML file from the software you use.

That's the exact goal this pharmaceutical company met with their MFT solution. Using several functions within MFT, they created a process that would automatically extract an XML file from their finance, HR, and planning software. They then used this data to determine which employees would be terminated within the next seven days, allowing them to deactivate those accounts in a timely manner.



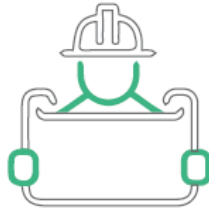
COMPANY PROFILE

Location:	United Kingdom
Company Size:	1,000-5,000 employees

Use Case #3

Manufacturing Corporation

INDUSTRIES



This manufacturing corporation was looking for a managed file transfer solution that would allow them to have greater control over the FTP process with other groups within their organization. Making the switch to an MFT solution has allowed the corporation not only greater control, but a standard method for FTP and the ability to report success/failures with greater detail.

They use projects with folder variables to control the data extracted and report processes using generic code. When implementing, they no longer must configure environments, company numbers, and the type of report. Mistakes have been greatly reduced, and they have explored using secure forms to allow users to perform simple data maintenance without having access to the enterprise resource planning (ERP) system. They also use the database query and data translation functions to extract data and email reports from the ERP system.

By implementing an MFT solution, they have avoided:

- Needing to create code and handwritten programs in the ERP
- Manual IT requests and delays in activity
- Manual downloads
- Spreadsheet formatting
- Distributions via email

COMPANY PROFILE

Location:	United States	Server Types:	FTP
Company Size:	1,000 – 5,000 employees	Features Used:	Secure Forms

See also: **Secure Forms examples**

Demo – GoAnywhere MFT

A horizontal bar composed of three segments: a blue segment on the left, a light blue segment in the middle, and a black segment on the right.

ANY
QUESTIONS?

A horizontal bar with three segments: a blue segment on the left, a light blue segment in the middle, and a black segment on the right.

Thank you for joining us

- ▶ Questions? We're happy to help.
 - ▶ <https://www.goanywhere.com/contact>
- ▶ Email if you'd like a custom demo.
 - ▶ info@helpsystems.com
- ▶ Learn more on our website:
 - ▶ www.goanywhere.com