

GO ANYWHERE[®]
Managed File Transfer

How to Automate Your PGP Encryption

www.goanywhere.com

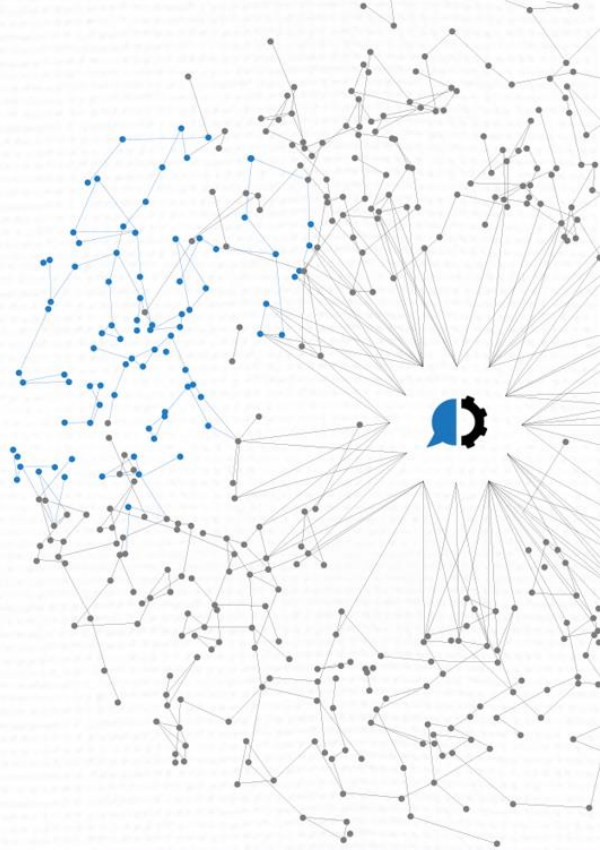


Agenda

1. Free PGP encryption: The pros and cons
2. Why automate your PGP encryption?
3. PGP automation best practices
4. Customer story
5. GoAnywhere Intro & Live Demo
6. Q&A



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Today's Presenters



Dan Freeman
Senior Solutions Consultant
HelpSystems



Stephen Mabbutt
Technical Services Manager
HelpSystems

Pros and Cons of Free PGP Encryption

► PROS

- Free!
- Fast and easy to get started
- Does what you need it to

► CONS

- No centralized management or visibility
- No automation ability
- Admins must provision and maintain special PGP software to each user's PC
- Users need training in software, especially to keep private keys secret
- Risk of files containing viruses after they are decrypted

Our free tool: GoAnywhere OpenPGP Studio

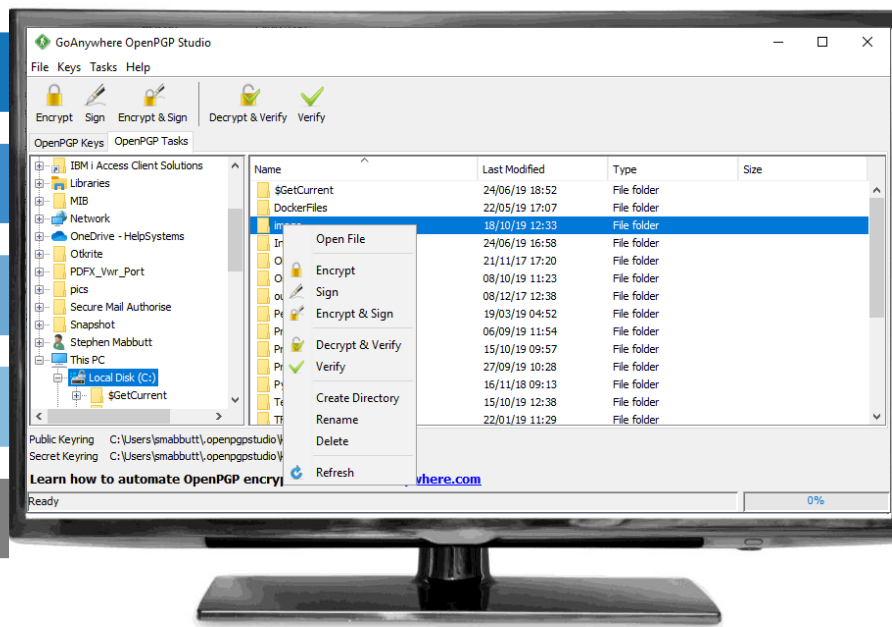
Encrypt & Decrypt

Digital Signature

Create Key Rings & Pairs

Export & Import Keys

Compress Output Files



Get the most out of OpenPGP Studio:

1. Keyboard Shortcuts
2. Centralized Key storage
3. Encrypt or decrypt multiple files with ease

 **FREE download at**
goanywhere.com/openpgp-studio

Why automate your PGP encryption?

- ▶ Eliminate manual processes, leading to time savings (and ultimately cost savings)
- ▶ Centralization of file transfer/encryption
- ▶ Handle large volumes of encryption/decryption needs
- ▶ No need to teach employees proper processes (and worry they may not remain compliant)



01

Create OpenPGP Key Pairs

Private keys should be stored and never given to the end-user. Public keys can be given to employees to share with trading partners.

02

Set Up Automatic Decryption

Trigger decryption using a private key, move encrypted files to a secure form, or use an agent to watch and grab files to decrypt.

03

Use Drag-N-Drop Workflows

PGP decryption is incredibly easy for users when it can be built without a hassle.

04

Record All Actions to Logs

Ensure employees are compliant by ensuring actions are recorded in logs administrators can reference later.

05

Add in ICAP and Antivirus

Use workflows to add ICAP and antivirus to the decryption process on files to ensure trading partners don't send bad files to users.

Who they are

- ▶ Largest carrier in the Philippine air transport industry
- ▶ Offer low-cost services
- ▶ Have flown over 150 million passengers (and counting)

Their journey

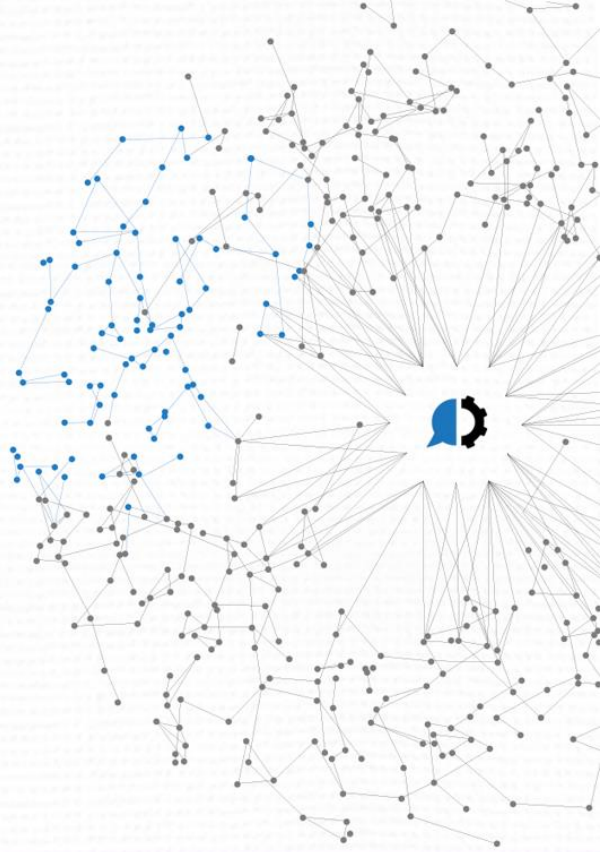
- ▶ Partner requirement to encrypt CSV files during transport
- ▶ Downloaded GoAnywhere's free OpenPGP Studio tool to do this

Why GoAnywhere?

- ▶ Needed to consolidate and simplify file transfer requirements both internally and externally
- ▶ Benefiting from GoAnywhere's workflow and automation



GoAnywhere Intro & Live Demo



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Why Managed File Transfer



SECURE FILE EXCHANGE MANAGEMENT

CENTRALIZED ADMINISTRATION

FULL TRACEABILITY AND CONTROL

AUTOMATION



Modern MFT Solution

A unified web-based solution that has great technology and is being continually developed



Ease of Use

Easy to deploy, maintain, update, and manage as organizations' needs change or develop



Cross Platform

Our customers have diverse environments and need a solution that deploys everywhere



Extensibility

Meets customers where they are now and in the future with flexible pricing and configuration

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

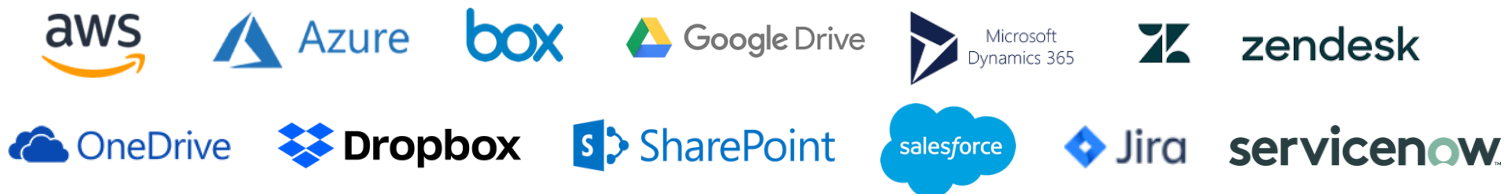


MySQL

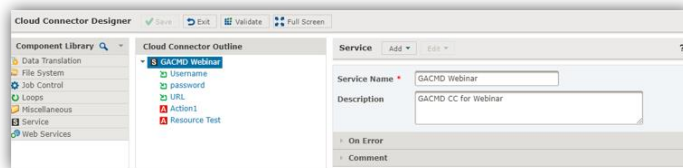
Cloud Application Connectors



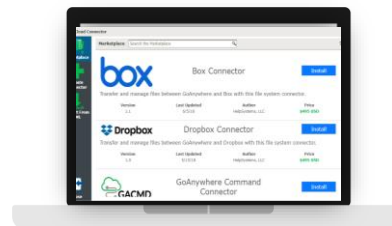
Out-of-the-box integration with the most common cloud applications



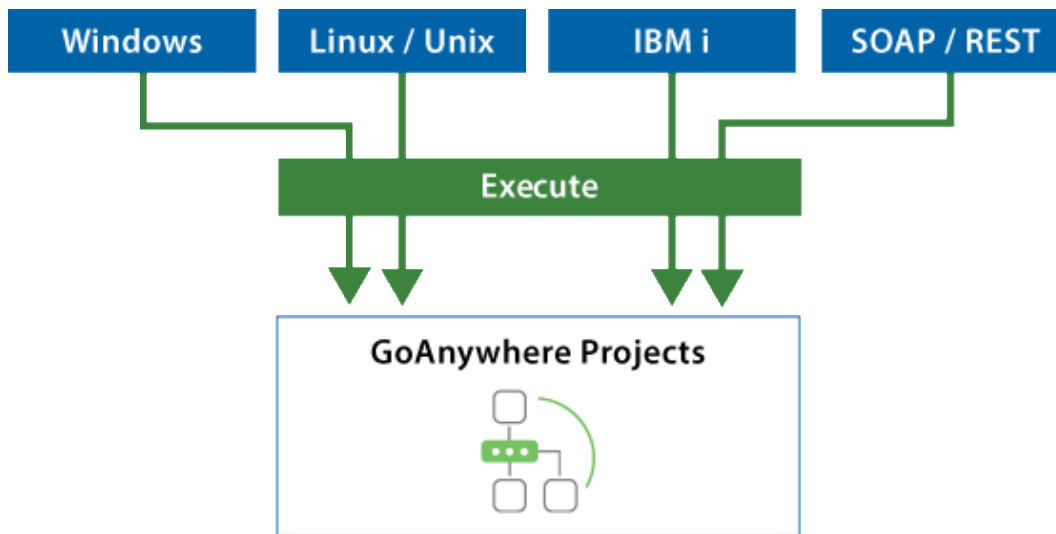
Build your own Cloud Connectors with our intuitive drag-and-drop interface



Download Cloud Connectors from our **online marketplace**



- ▶ Run workflows in GoAnywhere using the provided commands and APIs
- ▶ Available for IBM i (iSeries), AIX, UNIX, Linux and Windows
- ▶ SOAP and REST enabled
- ▶ Requests sent over HTTP/s
- ▶ Override variables
- ▶ Run interactive or batch
- ▶ Trap for errors



GoAnywhere MFT Advantages



- ✓ **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.
- ✓ **Inbound Services** - Allows inbound connections from trading partners over SFTP, FTP/S, HTTPS and AS2 (Drummond Certified).
- ✓ **Key Management** - Provides integrated tools for creating and managing Open PGP keys, SSH keys and SSL certificates.
- ✓ **Encryption** - Protects files “at rest” and “in-motion” with FIPS 140-2 validated AES-256 encryption.
- ✓ **Admin Controls** – Implements role-based administration, security domains and granular permission controls.
- ✓ **Agents** – easily automate and secure file transfers from/to remote locations all managed from the central MFT server



GoAnywhere MFT Advantages



- ✓ **Private Cloud** – Eliminates the need for public file sharing services like Dropbox, Box, Google Drive and OneDrive.
- ✓ **Customer Portal** – Allows organizations to provide a custom branded web interface for secure file transfers over HTTPS.
- ✓ **Synchronization** - Includes mobile, Windows and Mac OS clients for Enterprise File Sync and Sharing (EFSS).
- ✓ **Secure Mail** – Allows employees to send large or confidential files through secure email links. Includes an Outlook plugin.
- ✓ **Two-Factor** - Authenticates with user credentials and RSA SecurID, RADIUS, SSH keys or X.509 certificates.
- ✓ **DMZ Gateway** - Keeps services and files in the private network (out of the DMZ) without requiring inbound ports.
- ✓ **Job Control** - Provides extensive job management features including job queues, run priorities and clustering.
- ✓ **File Transfer Acceleration** - Enables high speed transmission of large files between systems using UDP channels.



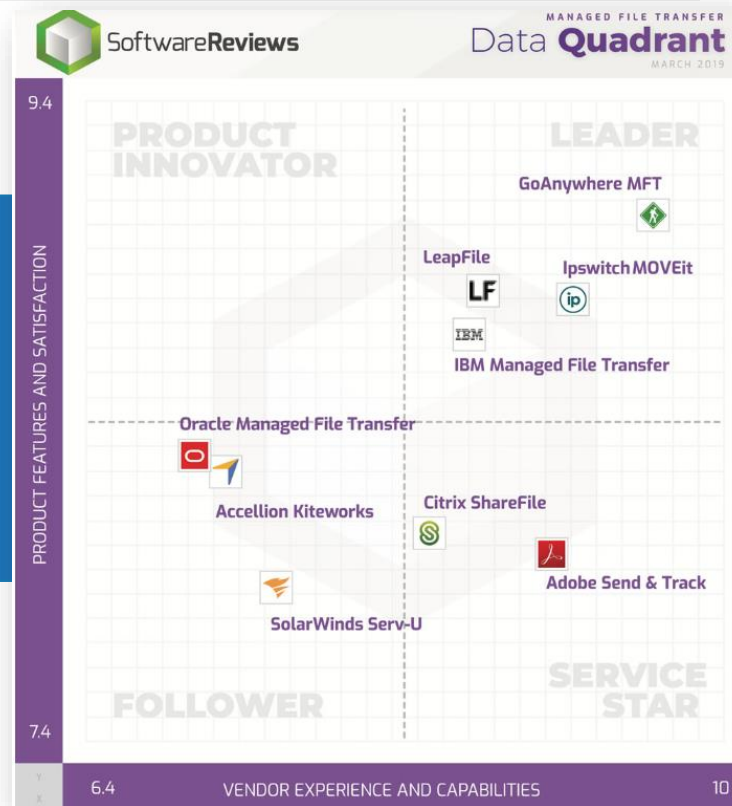
2019 Info-Tech MFT Data Quadrant

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

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

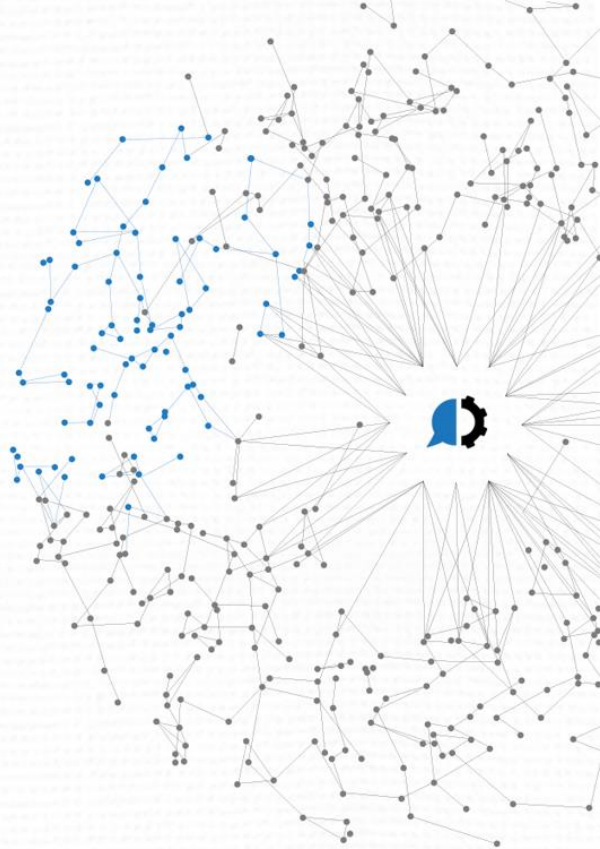


Download the report at
www.goanywhere.com/info-tech





Live Demo



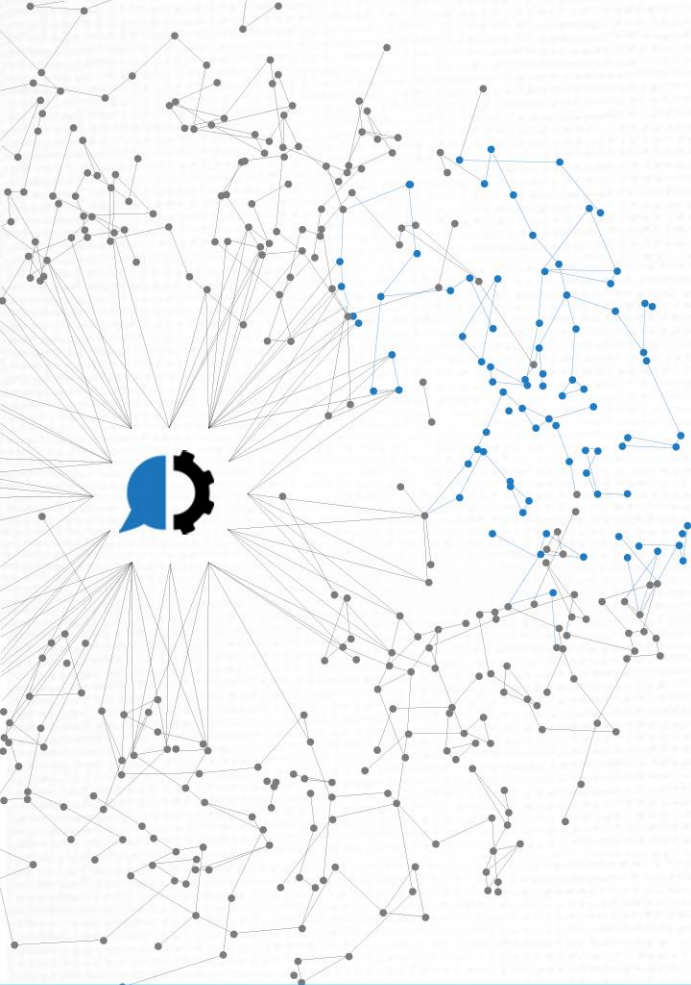
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Thank you for joining us!



- ▶ Questions? We're happy to help.
 - ▶ www.goanywhere.com
 - ▶ info@helpsystems.com
- ▶ Not using GoAnywhere yet? Try it free for 30 days: www.goanywhere.trial
- ▶ Request a feature walkthrough at www.goanywhere/demo.

*A survey will display after this webinar ends.
Please let us know how we did. Thanks for your feedback!*



Any
Questions

