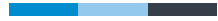# BuildIT

2021 User Conference

Improving Data Security Through GoAnywhere MFT Integrations

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BuildIT

2021 User Conference

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Let us help you Build a Better IT™

Today's Presenter

Scott Messick
Senior Solutions Engineer
HelpSystems

Why HelpSystems Data Security?

Understand

What data do I have?
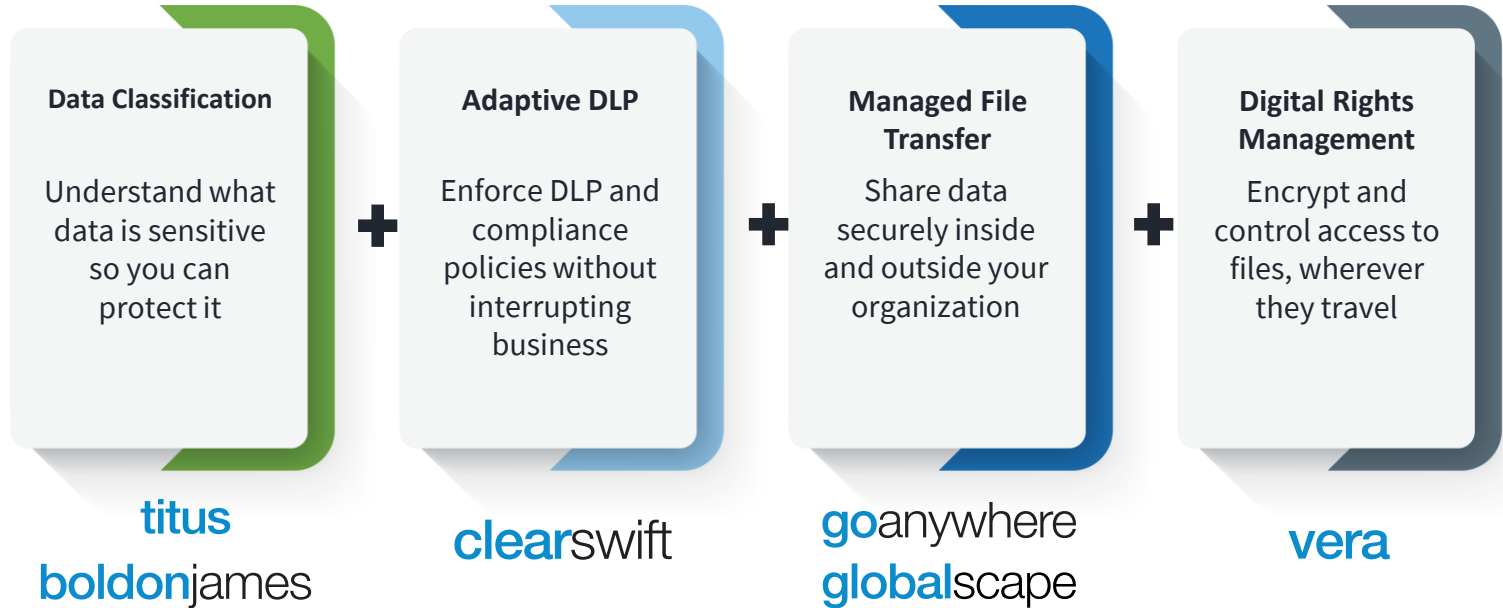
Govern

How can I control it?

Protect

How can I share
it risk-free?

HelpSystems Data Security Suite

Data security platform designed for today's hybrid IT reality

Data Classification

Understand what data is sensitive so you can protect it

titus
boldonjames

+

Adaptive DLP

Enforce DLP and compliance policies without interrupting business

clearswift

+

Managed File Transfer

Share data securely inside and outside your organization

goanywhere
globalscape

+

Digital Rights Management

Encrypt and control access to files, wherever they travel

vera

helpsystems

Why GoAnywhere?

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.

goanywhere
by HelpSystems

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

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Why Clearswift?

Clearswift offers award-winning DLP and threat protection solutions for email, web and the endpoint incorporating the use of our unique deep content inspection technology. Our solutions can be deployed on-premises, in the cloud, or hosted by HelpSystems. Via our Secure ICAP Gateway, we extend our unique technology to the MFT platform.

clearswift
by HelpSystems

Content Inspection
Deep rich content analytics ensure sensitive data is not transmitted.

Adaptive Redaction
Redaction of text allows for file transfer to continue minus offending content.

False Positives
Distinguish between things that may look like PII which may not be PII.

Threat Protection
Ability to inspect content for viruses and malware.

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Threat Protection and DLP Integration

- ▶ Advanced Persistent Threats
- ▶ Anti-Virus protection (1 to as many as 3 vendors)
- ▶ Traditional DLP
- ▶ Adaptive DLP
  - ▶ Adaptive Redaction
  - ▶ Optical Character Recognition
  - ▶ Metadata Cleanup
- ▶ Media Type Protection
- ▶ Unique/Custom protection
  - ▶ Threat Prevention outside of traditional Anti-Virus engine
  - ▶ Content not allowed to be transferred
  - ▶ Varying business rules between departments
    - ▶ Ability to allow executable and/or dll transfer for some not others
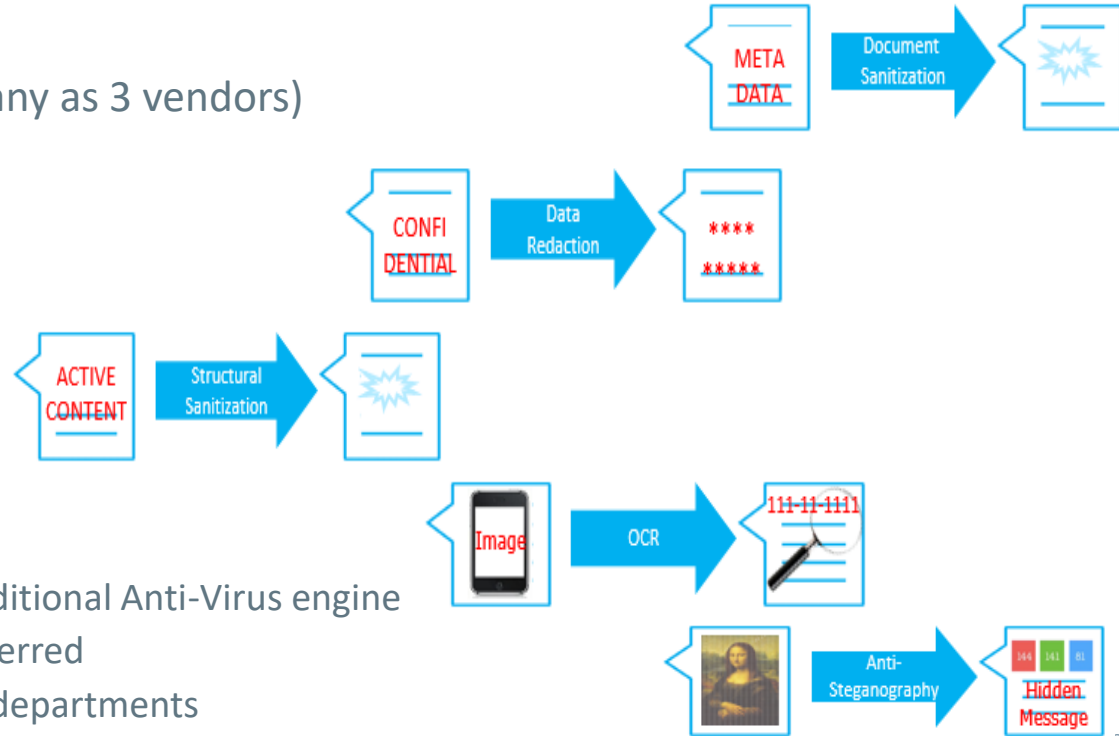
How GoAnywhere and Clearswift work together

1 GoAnywhere securely transfers attachments between employees or trading partners.

2 Clearswift's 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.
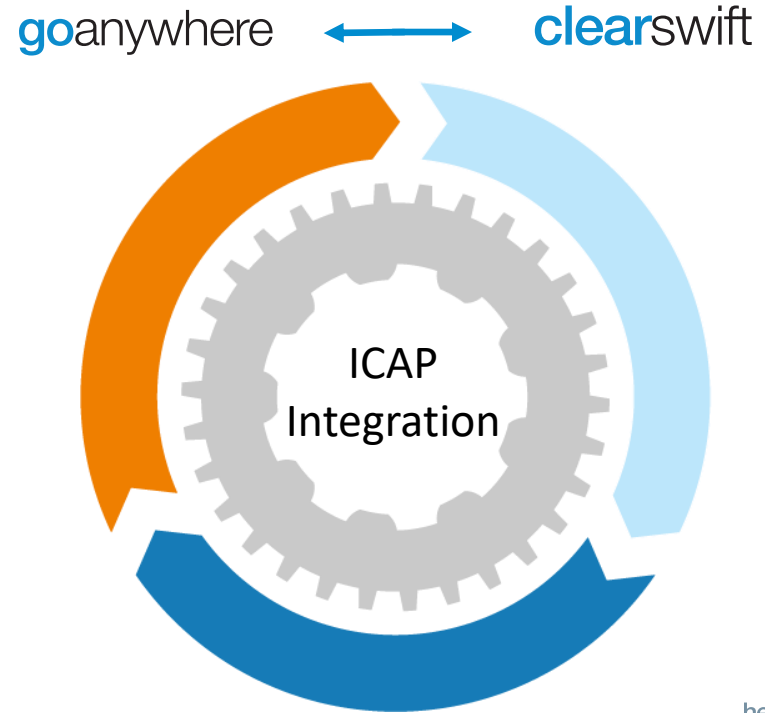
goanywhere ⟷ clearswift

ICAP Integration

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MFT Media Type Protection
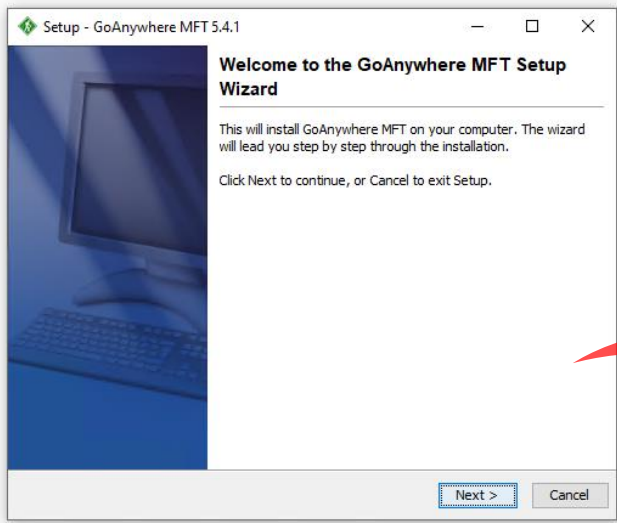
Executable Detected By GoAnywhere Media Type Protection Module During Upload

MFT PCI Controls

Who is FileCatalyst and Why Use HotFolders ?

▶ Ideal for bulk file transfer (10K files +, 10GB+)

▶ Automation

▶ Predictable - Can send at a perfect rate

▶ Not affected by latency or packet loss (world wide)

▶ Congestion Control implemented in application layer

▶ Tunable congestion control aggression

▶ Instantly detect link capacity

Source

Destination

Acknowledgments
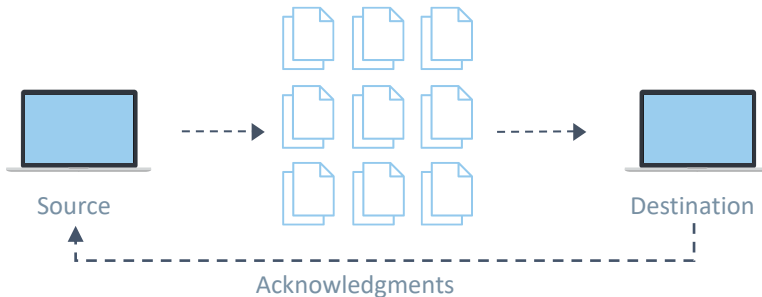
FileCatalyst completely saturates the
pipe by sending multiple blocks of data
= Increased transfer speed

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Why Titus?

HelpSystems data classification technology allows you to control, identify, and protect your sensitive data – better than anyone else out there.

titus
by HelpSystems

Identify your Data

Intelligent, machine learning detection of sensitive data

Classify your Data

A powerful, flexible policy engine to classify your data

Protect your Data

Protect data at creation, at rest, and in flight

Empower DLP

Integrate for more intelligent data loss prevention

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Titus & Clearswift provide granular options ensuring classified data is handled
the way you want it to be

Name	Persistent Metadata
ML Category	Loan Agreement
GDPR Flag	Yes
LoanID	27038-49b
Legal Hold	LH-4726
PI Type	Name;Address;PII,PCI,Contract
Share Consent	No
Retention	11_9_2021
Data Center Source	EMEA Zone 4
Secure Transfer Required	True
Classification	Confidential
Sensitivity	Customer Confidential
Customer	New
Visual Markings	Headers Footers
ContainsPersonalData	True
Apply Encryption	True

IS

How Titus and Clearswift work together

1 | Titus **adds classification tags** to emails or attached documents.

2 | Clearswift **scans emails/attachments** for classification tags.

3 | Emails/attachments **are processed** according to the classification tags that have been configured.

4 | Emails/attachments are **either allowed or disallowed** depending upon what tags have been defined. If allowed, the email messages can be sent in the clear, password protected, encrypted, etc.

titus ⟷ clearswift

Metadata Integration
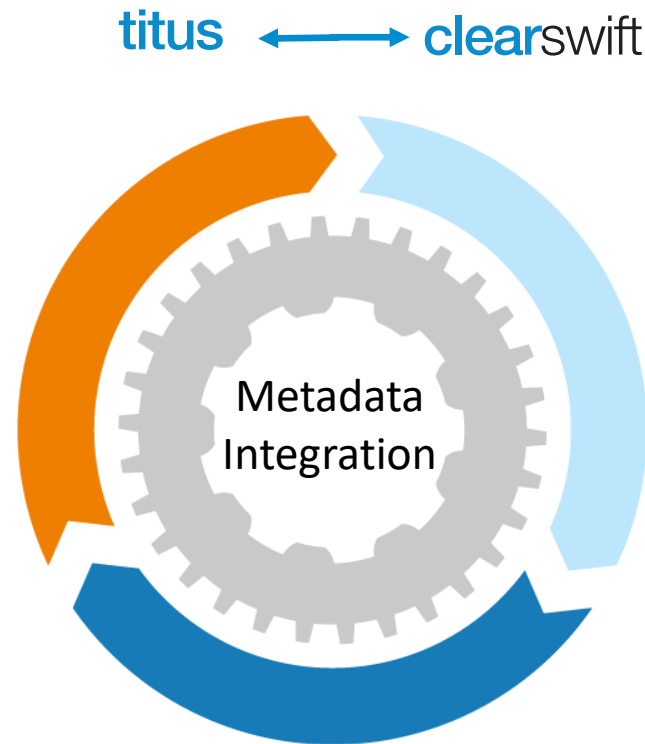
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MFT Guarding Sensitive Information

Why Vera?

ACTIVE FILE SECURITY

AES 256 ENCRYPTION

DYNAMIC ACCESS CONTROL

Sensitive Internal Data

Modern Collaboration Required

Reduce Risk & Overhead

- Security travels everywhere the data goes
- Supports all file types and devices
- Dynamic, granular control on key file types
- Little-to-no administrative overhead
- Intuitive, low friction end-user experience

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Why Automate
Robotic Process Automation (RPA)

- Repetitive task automation
- Virtual workforce
- Digital workforce
- Software robots – agents
- Virtual assistant
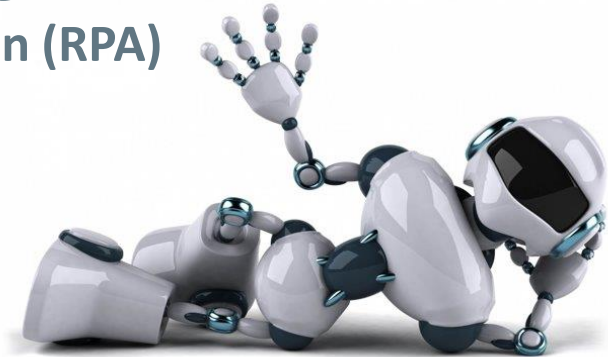
- Interacting with web sites
- Entering data in multiple sources
- Generating reports and spreadsheets
- Copying and pasting data
- Monitoring email messages
- Moving data from multiple sources to application
- Logging in to multiple apps
- Extracting data from PDF files

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Why Automate

Automation Capabilities

- ✓ Managed File Transfer (FTP/SFTP/FTPS)
- ✓ Network and PC File Management
- ✓ File Compression And Encryption
- ✓ Read/Write Any Database
- ✓ Read/Write Excel, CSV, XML and Text Files
- ✓ Inbound and Outbound Email Processing
- ✓ Microsoft SharePoint Integration
- ✓ Active Directory and User Provisioning

Integration

Image Capture/OCR/PDF Processing, Web Service Calls (SOAP/REST), VB/COM/ActiveX, PowerShell Commands, Microsoft .Net Custom Assemblies (C# / VB), Run Command Line Apps, MS Dynamics Action

User Interface Automation

- ✓ Web browser applications
- ✓ Windows desktop applications
- ✓ Java applications
- ✓ Telnet Terminal (5250,3270, VT100, SSH)
- ✓ When your applications have no APIs available

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Why use Business Activity Monitoring Dashboard (BAM)?

Review failed file transfers and identify why

- o Instant access to file transfer statuses

- o End-to-end monitoring of business processes that run on the MFT Server

- o Identifies all file transfers related to a particular business process

- o Advanced security and granular access control

- o Identifies sender/receiver easily by naming external partners and internal applications real names, not usernames or an IP address

- o Provides easy searching and tracking of MFT activities

- o Helps in tracking business-critical file transfers

- o Provides notification capabilities for pro-active business process monitoring

Thank you for attending!

Be sure to stop by the Data Security booth to chat with our MFT experts, schedule a demo, or request product support.