Glasswall Use Case - Forcepoint

Enabling Secure File Transfer in the Most Demanding Environments

Untrusted to Trusted

Glasswall FileTrust™ can be integrated into many consumer, business and government platforms to ensure unparalleled levels of file security and trust.

Forcepoint, a leading partner to the global government community with high assurance missions, provides proven cross-domain technology enabling secure information sharing across multiple classified, separate networks and domains. Glasswall FileTrust™ is integrated into Forcepoint's Trusted Gateway System, a cross-domain transfer guard enabling safe and simultaneous multidirectional file movement between physically separated networks of varying security and classification levels.

The Need for Secure File Transfer

The nature of today's global threats require secure file sharing between international, federal and other government entities. But doing so between varying classification levels can be inefficient, ineffective and, more importantly, insecure with unacceptable levels of risk.

Government employees and public servants need more than just protection. The files and documents they use everyday have critical and sensitive information, so the integrity, clarity and resolution of these files in cross- domain communications must be completely assured.
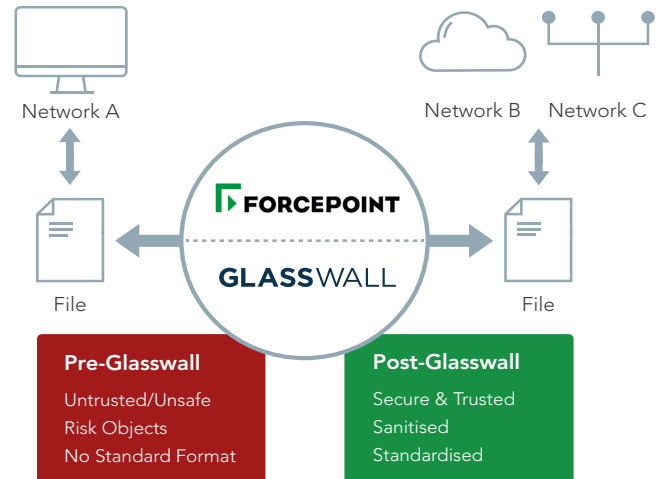
Proactive Inspection & Sanitization

Forcepoint's Trusted Gateway Systems integrate Glasswall FileTrust™ to eliminate these risks, enabling secure and reliable file transfer, while being transparent to the workforce.

- Real time secure file transfer between networks
- Documents are threat-free
- File features sanitized in real time to reduce risk

Real Time File Security for Cross-Domain Networks

Glasswall FileTrust™ SDK ensures only clean, safe and secure files are passed through cross-domain platforms.

Users on both sides remain unaware the identical copy they receive has gone through over 15,000 security and conformance checks in under a second.

Network A   Network B   Network C

FORCEPOINT
GLASSWALL

File   File

Pre-Glasswall
Untrusted/Unsafe
Risk Objects
No Standard Format

Post-Glasswall
Secure & Trusted
Sanitised
Standardised

Forcepoint Trusted Gateway System

Quick and secure transfer of unstructured files during mission critical activities
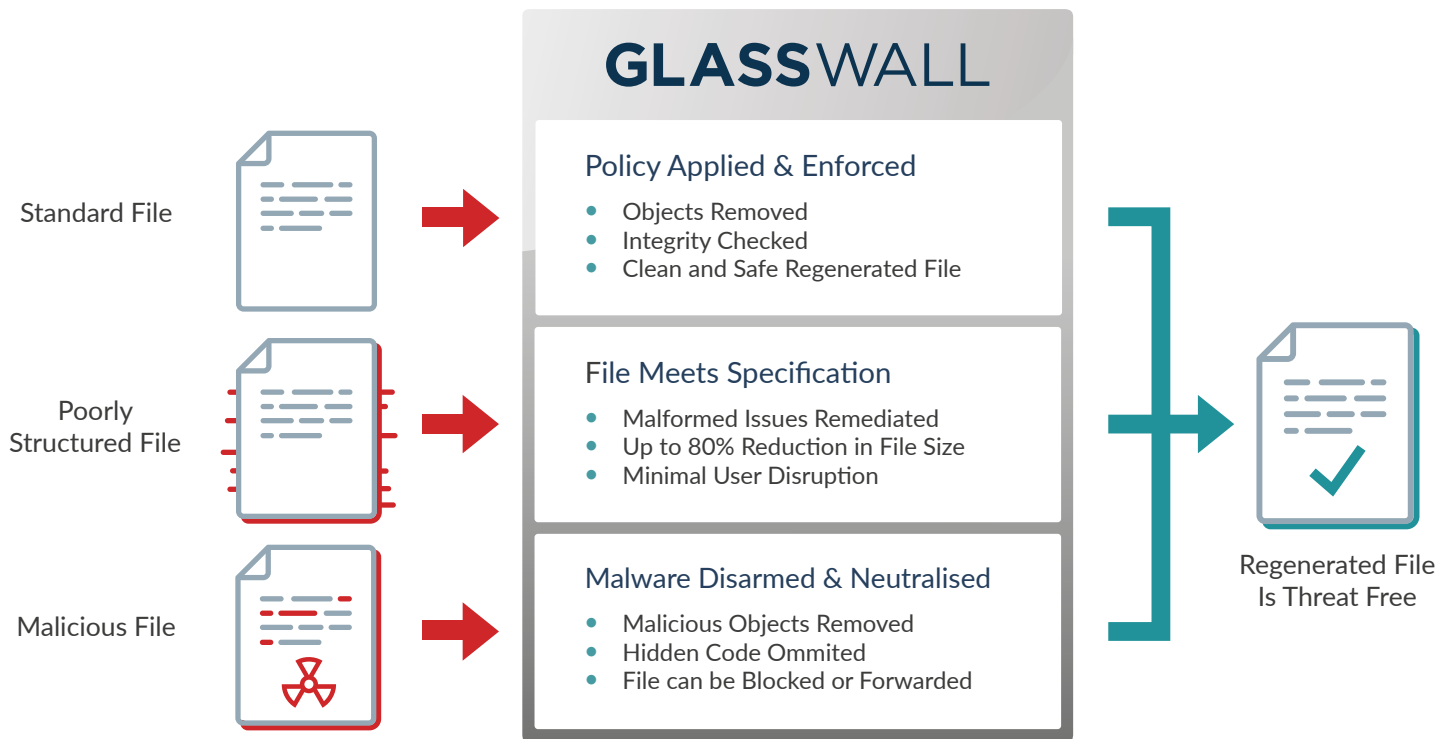
- U.S. Government "Raise the Bar" compliant
- Supports multiple file types and file sanitization
- Two-person human review process
- Red Hat Enterprise Linux 64-bit operating system
- Easy-to-use tool for administration and management
- Flexible network configurations

Forcepoint Data Guard

Automated data transfer guard enabling the secure movement of structure data between separate networks

- Delivers byte-level deep content inspection, data validation and filtering
- Can be tailored to customer-specific security policies
- Provides highly customizable data validation rules
- Streamlines the SIEM alert and monitoring process
- Rapid data transfer from lower-level networks to a single higher-level network
- Derived from the Common Criteria-evaluated secure systems

Glasswall's d-FIRST™ Technology: Protection in Milliseconds

GLASSWALL

Standard File

Poorly Structured File

Malicious File

Policy Applied & Enforced
- Objects Removed
- Integrity Checked
- Clean and Safe Regenerated File

File Meets Specification
- Malformed Issues Remediated
- Up to 80% Reduction in File Size
- Minimal User Disruption

Malware Disarmed & Neutralised
- Malicious Objects Removed
- Hidden Code Ommited
- File can be Blocked or Forwarded

Regenerated File Is Threat Free

Support for the Most Widely Used Platforms

Glasswall FileTrust™ SDK enables integration of our patented d-FIRST™ technology across a wide variety of platforms, providing ultimate flexibility of deployments and use cases that require highest levels of file integrityand security.

Supported Platforms:
Centos\Redhat 6 + 7
Microsoft Windows Server 2012, 2012R2 & 2016
Windows Desktop 7 & 10

Supported Languages:
C, C++, C#, JAVA, JAVASCRIPT, Python

Questions? Contact us

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Support for the Most Widely Used File Types

Productivity Files	
Microsoft Office (≥'03)	
Word	DOCM, DOTM, DOTX
Excel	XLAM, XLSM, XLTM, XLTX
PowerPoint	POTM, POTX, PPAM, PPSM, PPSX, PPTM
Microsoft Office ('97-'03)	
Word	DOC, DOT
Excel	XLS, XLT
PowerPoint	PPT, POT, PPS
Adobe Acrobat	PDF

Image Files	PNG, JPEG, GIF, BMP, TIFF, GeoTIFF, EMF, WMF
Audio	WAV, MP3
Video	MPEG, MP4
Portable Executable	PE, Mach-O, ELF
Archive	7z, RAR, GZ, BZ2, ZIP, TAR, Unix Compress