Glasswall Use Case - Novastone

Enabling Secure File Transfer in the Most Demanding Environments

Untrusted to Trusted

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

Novastone, an award winning UK based leader and innovator in secure Instant Messaging (IM) has integrated Glasswall into its core product offering and technology. The technology partnership enables organisations to connect with customers in real time, whilst uniquely solving the cyber security challenges of file security, integrity and trust.

Unapproved Messaging Apps are a Business Risk

Over 50% of employees use unapproved messaging apps when communicating with clients, third parties or each other. This puts the business at risk every day by working around policies and bypassing security technologies.

Clients demand convenience when using IM to share files and documents, but this introduces new risks and threats to the business. Attempting to add security on the device fails, because sophisticated attackers targeting this rich new territory have developed ways of avoiding detection, leading to an estimated $2bn lost globally on CEO fraud alone.

Providing Communication and Trust

The novastone secure IM service integrated with Glasswall FileTrust™SDK solves these challenges, providing a safe and compliant messaging app, seamlessly connecting organisations with their customers.

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

"Glasswall enabled us to add significant value to our messaging service, ensuring the highest levels of file integrity, security and trust where our customers needed it most. Integration into our service was seamless with the support of the Glasswall team, and we proudly stand unique in the marketplace with our offering"
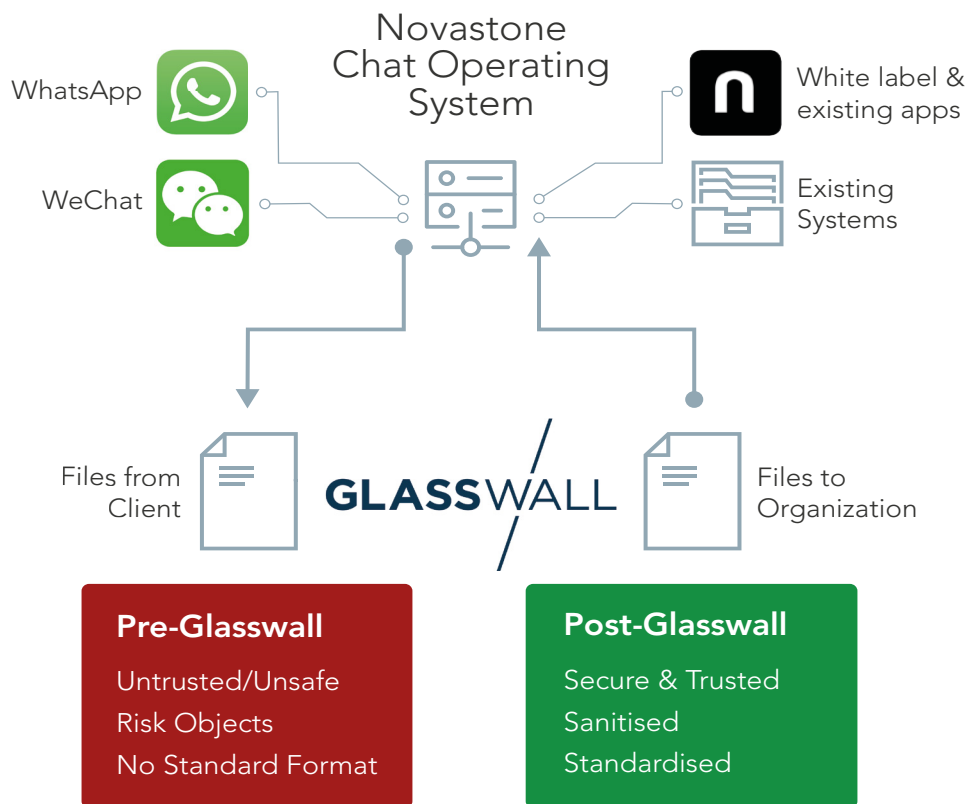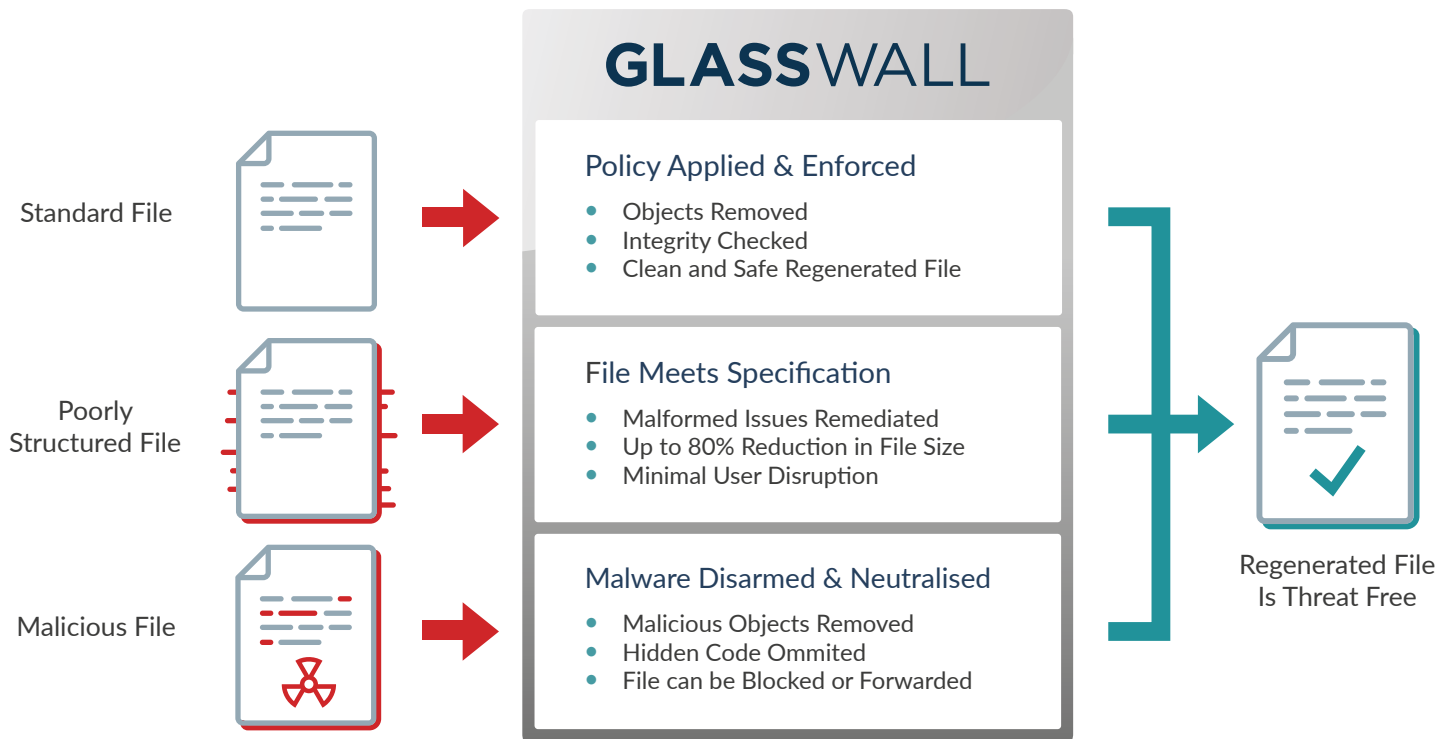
- Douglas Orr, CEO, Novastone

How It Works

Real Time File Security for Secure Messaging Apps

Glasswall FileTrust SDK works in real time to completely regenerate original files into a 'known good' file standard, whilst applying policy to remove high risk objects such as Macros and suspicious URL links.

Only clean, safe and secure files are passed onto the organisation in real time, with the users unaware the identical copy they receive has gone through over 15,000 security and conformance checks in under a second.

Novastone
Chat Operating
System

WhatsApp

WeChat

White label & existing apps

Existing Systems

Files from Client

GLASSWALL

Files to Organization

Pre-Glasswall

Untrusted/Unsafe
Risk Objects
No Standard Format

Post-Glasswall

Secure & Trusted
Sanitised
Standardised

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

GLASS WALL

Standard File →

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

Poorly Structured File →

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

Malicious File →

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