

Rebuild SDK Redact + Replace

Enabling Technology Partners to Deliver Unparalleled Protection from File-Based Threats

Glasswall's patented Deep-File Inspection, Remediation and Sanitization Technology (d-FIRST™) enables our Technology Partners to solve file-based security challenges and create innovative opportunities for new revenue streams.



The Rebuild SDK supports multiple programming languages and platforms ensuring smooth integration, faster time to market and agility when developing new solutions.

Use Cases and Integration Options



HTTP uploads and downloads

Secure files transferred between devices and networks, ensuring security at the ingress points and high levels of trust of the organization at the egress points.



File Gateways

Secure files as they enter, rest or leave storage facilities.



Document Management Systems

Ensures incoming and outgoing files will be clean and safe, and archived documents will function correctly when retrieved.



Device-to-Device

Small footprint allows Glasswall to be integrated into lightweight or mobile OS.

Key Features

- Secure**
Regenerating every file to a standard of 'known good' results in unparalleled levels of file security and integrity, ensuring only safe, clean and correctly formatted files reach users.
- Seamless**
'Integration Ready' with support for major platforms using standard industry programming languages ensures ease of integration for development teams, avoiding expensive specialist resources.
- Fast**
Sub-second processing of documents and files ensures customer and user experience is seamless, leaving business critical communications uninterrupted.
- Transparent**
Glasswall regenerated files are identical to the original. There is no loss of resolution which ensures zero business disruption. Policy-driven actions remove potentially harmful objects and features such as Macros, JavaScript and embedded files.

Redact + Replace (Beta)

Rebuild SDK's Word Search engine performs text searching in the content and metadata of a file. Search strings, content management, and redaction rules are configured via an XML file. A user-configurable character substitution map defined in JSON form is used to provide support for text obfuscation. The engine also comes with built-in regular expression support

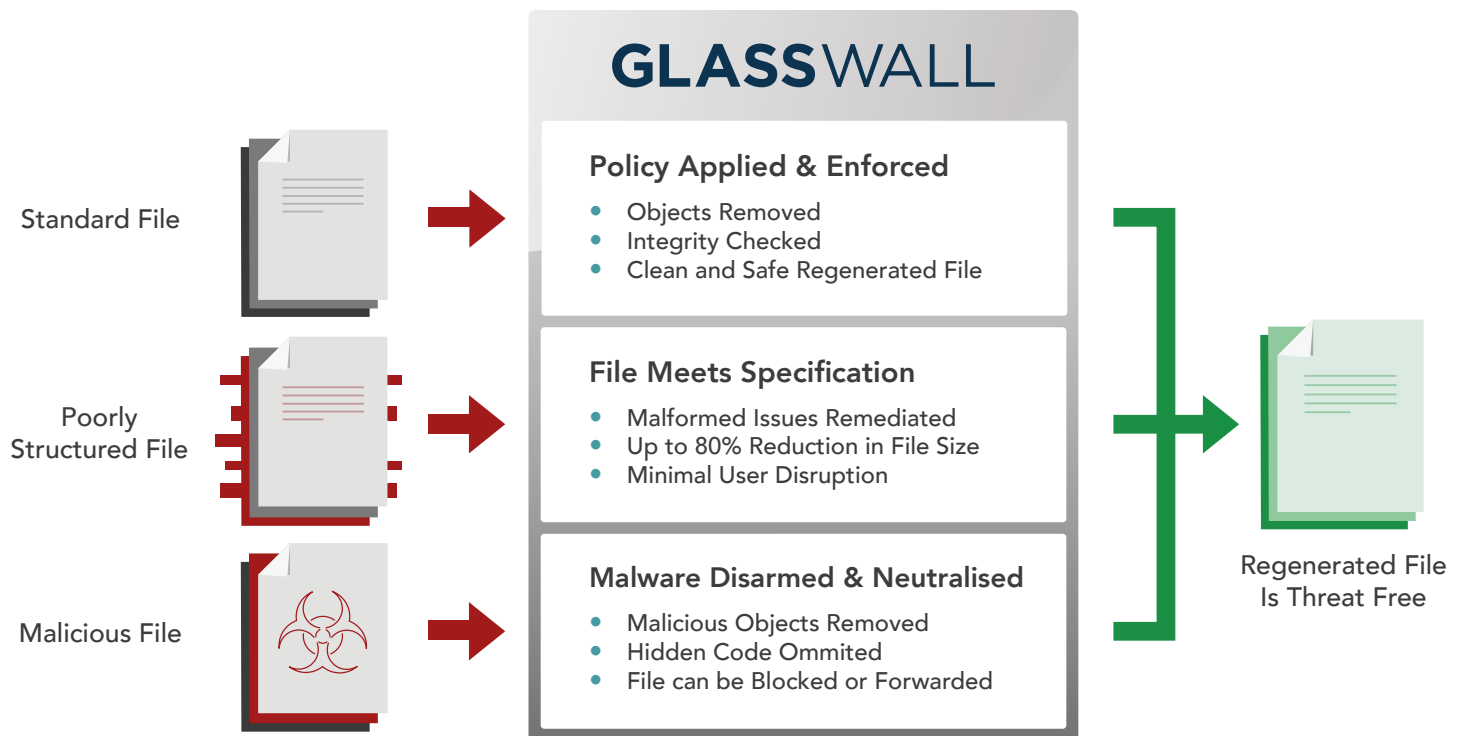
Flexible License Models

The Glasswall Core Engine provides complete visibility and control over every file, opening up opportunities for creative licensing models and giving flexibility to maximize profits.

Measurable metrics include:

- File types and volumes
- File sizes
- Embedded object and feature counts
- Masquerading file counts

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



Support for the Most Widely Used Platforms

Rebuild 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 integrity and 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

Support for the Most Widely Used File Types

Productivity Files

Microsoft Office OXML ('03 onwards)

Word

DOCX, DOTX, DOCM, DOTM

Excel

XLSX, XLTX, XLSM, XLTM

PowerPoint

PPTX, POTX, PPSX, PPTM, POTM, PPSM

Microsoft Office Binary ('97 to '03)

Word

DOC, DOT

Excel

XLS, XLT, XLM

PowerPoint

PPT, POT, PPS

Adobe Acrobat

PDF

Image Files

JPEG, JPG, JPE, PNG, GIF



QUESTIONS? CONTACT US



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