GLASSWALL

Secure Document Sharing Across Multiple Networks

Glasswall's Cross Domain Solution enables secure file sharing between networks of different security classifications.

Don't Fear Your Files

Trust files entering or leaving secure networks without delay and in their native format.

Government and defense are facing an unprecedented threat from cyber-attack. In the communication infrastructure, files or documents are an essential tool for citizen-to-government and real-time information sharing between networks of varying security classifications and enclaves. Weaponized files embedded with malware, malicious code and hidden scripts are used to evade security defenses and masquerade as legitimate documents.

Glasswall's deep file inspection, remediation, sanitization and file regeneration technology (d-FIRST™) seamlessly integrates within Guard and Diode architectures to deliver real-time protection from unknown, file-borne threats. Glasswall processes files such as PDF, Word, Excel and image files in milliseconds, without relying on detection signatures, completely disarming and regenerating clean, standard-compliant files whilst preserving their full usability.

Benefits

- Linux SDK enables straightforward integration into Guard and Diode platforms
- Eliminates document borne attacks
- Delivers absolute document security
- Protection in milliseconds
- Delivers files in their original format

Disarm and Regenerate Files

The Glasswall CDS Content Filter (CF) quickly processes documents, removing any malformed code, structural imperfections, malicious scripts, or embedded malware. A clean, compliant and validated document is regenerated, disarming any hidden threats while producing a sanitized file that is safe to use.

Policy and Control

Apply policy based on the risk posture at individual, department, enclave or organisation level. Glasswall manages risk factors such as Macros, JavaScript, embedded links, images and embedded files. Control of files and the ability to implement a standard file policy is given back to the security administrator.

Fast, Signature-Less Protection

Glasswall CF validates files to the manufacturer's 'known good standard', removing deviations and regenerating new files. Embedded threats, be they known or unknown, are eliminated using the unique Glasswall process, without relying on threat signatures or heuristics.

Unique Threat Intelligence

Glasswall not only stops document-based attacks, it allows users to gain unique insight into those attacks. Glasswall FileTrust™ ATP Threat Intelligence provides unique reporting on how documents are manipulated to target your organization.

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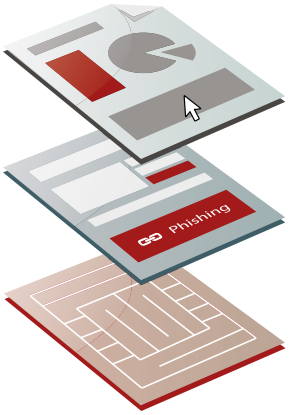
How Glasswall Works

Stop Image Based Advanced Steganography Attacks

Remove Harmful Macro, Javascript, Acroform and URLs

Eliminate Hidden Malware Threats from File Structure



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Malicious Images Removed

Malware Payloads Sanitized Phishing Links Removed

Elusive Malicious Code Disarmed

Regenerated File Is Threat Free

User Opens Safe & Trusted File

Use Cases

EMAIL

- Prevent weaponized documents entering or leaving your enterprise via email
- Highly scalable, real time document processing to match your email traffic volume
- Simple and quick deployment of Glasswall FileTrust™ ATP for Email at your gateway or sandbox

API

- Gain access to Glasswall's unique document inspection, sanitization and regeneration capability
- Upload only safe documents via your website or portal
- Easily and rapidly sanitize document databases

CDS

- Enhances guard solutions with real-time sanitization of documents to 'known good' standard
- Supports resilient one way flow when integrated into a Data Diode Solution
- Straightforward integration into wider security architectures through Linux SDK

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"Since installing Glasswall over two years ago, we have had zero file-based malware by email and our users don't even know the product is there."

Stan Black, CSO, Citrix

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"As malware sandbox evasion techniques improve, the use of content disarm and reconstruction (CDR) at the email gateway...will increase."

Gartner, 2016

Contact Us For A Free Trial

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