

GateScanner Mail & Mail Gateway

Email security with built-in CDR protection

Email is a primary vector of attack, accounting for about 75% of all malwares delivered to organizations today (Verizon DBIR Report 2022). Emails can contain many threats, among them sophisticated phishing traps and deeply embedded malware.

GateScanner's email security solutions offer a best-of-breed CDR file-sanitization technology coupled with leading commercial AV and AI solutions to deliver a fully integrated and comprehensive email security solution for organizations.

Main features include:	GateScanner Mail	GateScanner Mail Gateway
Office 365 / MS Exchange integration	✓	✓
Proprietary EML deconstruction	✓	✓
Multiple true file-type verification	✓	✓
Highly optimized multi-AV scans (5-7 AV's)	✓	✓
NextGen AI AV detection (1-2 NGAV's)	✓	✓
Content Disarm & Reconstruction	✓	✓
Password protected attachment decryption	✓	✓
Deep content URL categorization (email body and inside attachments)		✓
Real-time IP reputation		✓
Advanced anti-phishing		✓
Anti-Spam virus outbreak detection		✓
Anti-Spoofing (DKIM/DMARC/SPF)		✓

Features in-depth:

- GateScanner's Content Disarm & Reconstruction (CDR) file sanitization technology fully deconstructs every incoming .EML file and attachment to their most basic components, achieving superior detection and eliminating deeply hidden threats. Proprietary re-construction proceeds to break-up any remaining undetected/previously unseen ('signature-less') malware.
- Multiple industry-leading AV and AI engines deployed.

Highlights

- All-in-one email security solution for enterprises, with built-in CDR file sanitization technology
- Prevention of both known and previously unseen ('signature-less') malware
- Active-Active, zero downtime unlimited scalability
- High-resolution controls and reporting
- Multiple configuration options – as a Secure Mail Gateway (SEG); as a Mail Transfer Agent (SMTP bridge) or directly integrated with Outlook on Office 365.

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A Proven Technology

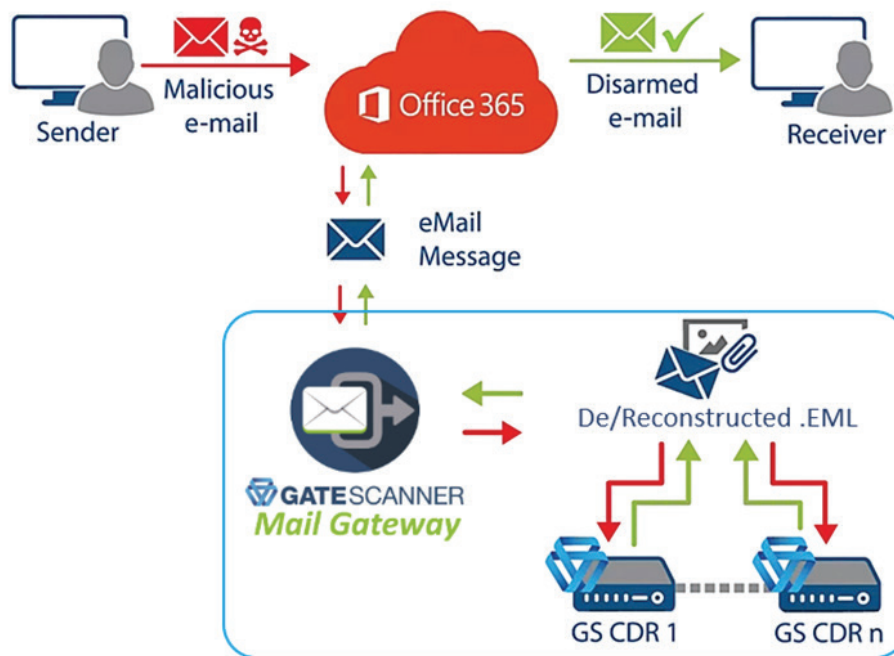
GateScanner is protecting government agencies, defense contractors, financial institutions, critical infrastructure and healthcare organizations, since 2013.

Independent client testing repeatedly shows GateScanner preventing up to 99.9% of undetectable ('signature-less') threats.

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Features in-depth (cont.)

- Multiple implementation options: as a full-featured Secure Mail Gateway (SEG), as a Mail Transfer Agent (SMTP bridge) or in direct integration with O365 Exchange.
- Privacy protection is supported by removal of email tracking pixels/links and data redaction capabilities. Multiple industry-leading AV and AI engines deployed.
- Deployment options include on private cloud or on-premises
- Password protected attachments scanning is supported (ZIP, RAR, Office, PDF)



GateScanner Mail as Office 365 integration

Specifications

Scanning performance

One GateScanner Mail engine with full CDR applied: up to 10,000 emails/hour*

*Based on emails with 15% attachments (1/3 Small < 1MB, 1/3 Medium 1-5MB, 1/3 Large 5-15MB)

Deployment Options: Private Cloud/On-Premises/Office 365 integration

GateScanner Mail front-end: Installed on a Windows Server (2019 & onwards)
Minimal requirement: 8 vCores, 16 GB RAM, 600 GB HDD (SSD recommended)

GateScanner engines: Supplied as a preconfigured virtual appliance based on Windows 10 IoT Minimal
requirement: 4 vCores, 8 GB RAM, 60 GB SSD

Supported file-types: MS Office, PDF, media files (images, audio, video), AutoCad, Archives, PST, .EML, installation files, XML, HTML, other text files, medical imaging files (DICOM), and customized files.

Benefits

- Preventing initial access of advanced network attacks delivered via email
- Unparalleled government-grade email security
- Reduced reliance on employee awareness or adherence
- Highly granular policy-based configuration & detailed reporting
- Basic file redaction to prevent sensitive data leaks

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About Sasa Software

Sasa Software is a cybersecurity company specializing in the prevention of file-based attacks.

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