GATE SCANNER by Sasa Software

SOLUTION OVERVIEW

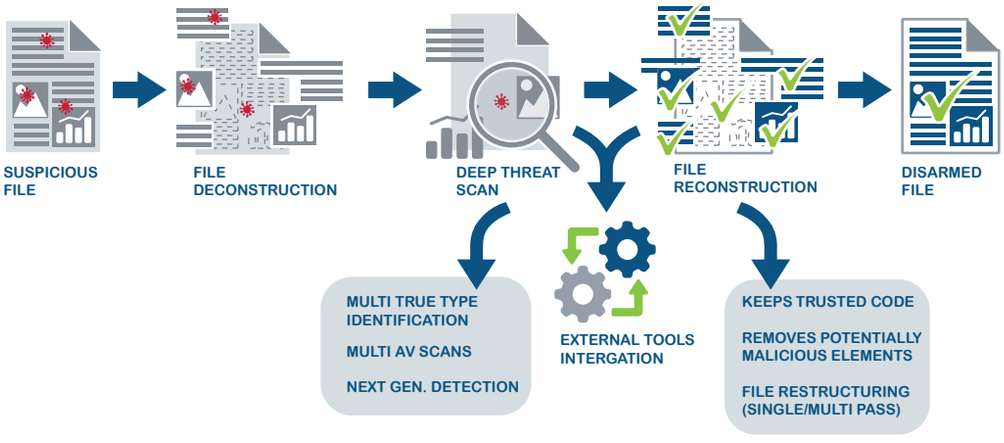
State Of Affairs

We live in a world of increasingly sophisticated cyber threats. APTs, ransomware and other malware continually evade detection technologies, while increasing overhead and false positives.
With the increase of security layers, hackers target the organization's trusted content channels:
Over 90% of malware originates from emails, browsing, portable media and B2B file transfers.
Within the organization, users inevitably open malicious files and links, leading to IT security incidents.

The New Paradigm

Prevention means every file and email must be treated as suspicious. GateScanner® Content Disarm and Reconstruction (CDR/Sanitization) ensures security by transforming files into a safe, neutralized and harmless copy you can trust. GateScanner® CDR prevents advanced undetectable malicious code attacks, including APTs and ransomware, while maintaining full file fidelity, visibility and usability.

Gate Scanner® Content Disarm and Reconstruction (CDR) Process



GateScanner® CDR Features:

✓ **Deconstruction**
Disassembles complex files to seek deeply hidden threats

✓ **Deep Threat Scans**
Dramatically Increases threat detection rates and prevents file spoofing using multiple AV scans, Next Gen detection (AI), multiple True Type identification, and file signature verification

✓ **Content Disarm**
Removes ("Sanitizes") potentially malicious elements, scripts, macros, links, while keeping trusted content and restructuring files to disrupt the integrity of deeply hidden exploits and malicious code. Single pass restructuring maximizes compatibility and multi-pass restructuring maximizes security

✓ **Reconstruction**
Reconstructs into a harmless file, maintaining full fidelity, visibility and usability

✓ **File Redaction (DLP)**
Security for outgoing files via content search and replace, metadata removal, reformatting, and policy enforcement

✓ **External Tools Integrations**
Integrates with external security solutions, such as Sandboxes, Next-Gen AVs

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Gartner "Cool Vendors in Cyber-Physical Systems Security", Katell Thielemann, et al, 21 April 2020

Proven Technology

Founded in 2013,
Sasa Software successfully protects governmental agencies, defense contractors, financial institutions, public utilities and healthcare enterprises.

Independent tests demonstrate GateScanner® prevents up to 99.9% of undetectable threats*

Industry Recognitions

Gartner COOL VENDOR 2020™

Awards

INFOSEC AWARDS WINNER CYBER DEFENSE MAGAZINE 2020

FROST & SULLIVAN BEST 2017 PRACTICES AWARD ASIA PACIFIC INDUSTRIAL CONTROL SYSTEMS SECURITY VENDOR OF THE YEAR

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GATE SCANNER by Sasa Software — SOLUTION OVERVIEW

Threat prevention for files from portable media (USB, CD/DVD), at a centralized location

GATESCANNER **Kiosk**

Threat prevention for files from portable media at the user's desktop

GATESCANNER **Desktop**

Threat prevention for SMTP Mail

GATESCANNER **Mail**

Integrates GateScanner® with third party applications

GATESCANNER **API**

Automated threat prevention for file transfers, network separation, and API-less integrations

GATESCANNER **Application Server**

Web based, SaaS capable, multi-route threat prevention: Document uploads, file transfers, cloud vault, lightweight kiosk

GATESCANNER **Security Dome**

Deep scanning of medical imaging files

GATESCANNER **DICOM Protector**

Deep threat scans for WIN Appliances / Computers

GATESCANNER **Appliance Security**

A optical gateway (diode) for uni-directional file transfers, integrating seamlessly with GateScanner® solutions

GATESCANNER **Injector**

GateScanner® Benefits

- ✓ Prevents advanced undetectable threats, Zero-Days, APTs and ransomware
- ✓ Prevents threats capable of evading dynamic analysis / EDR solutions
- ✓ Stops threats at the perimeter, reducing exposure to employee negligence
- ✓ Integrates with and controls the flow of existing and future security technologies
- ✓ Robust reporting systems based on MS-SQL data-warehouse.
- ✓ Centrally managed and updated, integrates with SIEM / Syslog, Configurable scanning policies
- ✓ Highly scalable, active/active grid of engines, tailored to the customer's needs
- ✓ Automatically opens and deep-scans password protected files
- ✓ Modular components allow integration with highly secure network topologies

GateScanner® Specifications

GateScanner® Connector(s):

- ✓ A front end running GateScanner® solution
- ✓ Available in HA, multiple front-ends to support large scale enterprises
- ✓ Installed as a service on a Windows Server (2012R2 and above)
- ✓ **Server requirements:** 4 vCores, 8 GB RAM, 250 GB HDD (SSD recommended)

GateScanner® Engine(s):

- ✓ Contains the scanning technology
- ✓ Highly secure pre-configured physical/virtual appliance based on Windows Embedded / Windows IoT.
- ✓ **Virtual appliance requirements/each:** 4 vCores, 8 GB RAM, 60 GB SSD
- ✓ **Scanning Performance:** Up to 20Gb/hour. 5Mb MS-Office document: Up to 30 sec (full CDR).
- ✓ **Supported file-types:** Supports full CDR for hundreds of file type combinations, including the entire suite of MS Office, PDF, media files (images, audio, video), AutoCad, Hanword (HWP), Archives, PST, .EML, installation files, XML, HTML, other text files, medical imaging files (DICOM), and customized files

Deployment options:

- ✓ On premise, private cloud (AWS, Azure), as a service (supported products)

*Specification and features subject to change without prior notice.
Scanning performance varies according to scanning profiles, files size/structure, and hardware used.
Security results depend on scanning profile used.

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