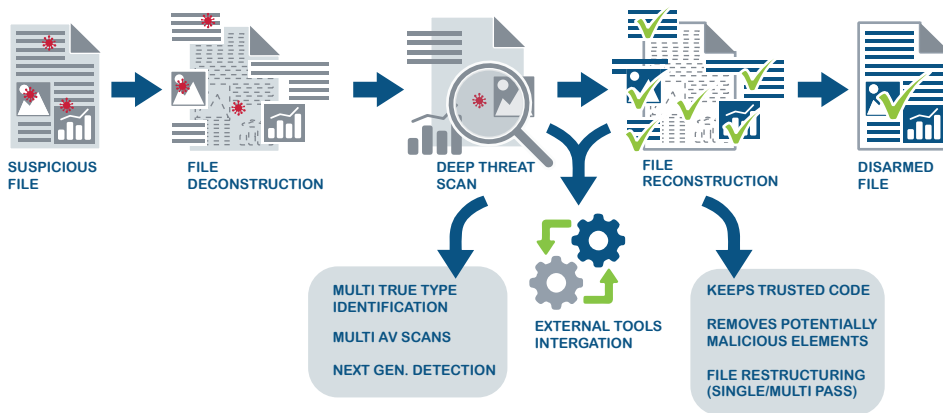## State Of Affairs

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

SUSPICIOUS FILE → FILE DECONSTRUCTION → DEEP THREAT SCAN → FILE RECONSTRUCTION → DISARMED FILE

MULTI TRUE TYPE IDENTIFICATION
MULTI AV SCANS
NEXT GEN. DETECTION

EXTERNAL TOOLS INTERGATION

KEEPS TRUSTED CODE
REMOVES POTENTIALLY MALICIOUS ELEMENTS
FILE RESTRUCTURING (SINGLE/MULTI PASS)

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

---

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

Contact Us:

Headquarters:
Sasa Software (CAS) Ltd.
Telephone: +972-4-867-9959
Kibbutz Sasa, Israel
info@sasa-software.com
www.sasa-software.com

US Office:
Bavelle Technologies
Sasa Software Authorized Agent
100 Eagle Rock Avenue
East Hanover, NJ 07936, USA
Telephone: +1-973-422-8112
sasa-cdr@bavelle.com
www.bavelle.com

Singapore Office:
Sasa APAC
8 Penjuru Lane, Singapore
Telephone: +65-6210-2354
contact@sasa-apac.com
www.sasa-apac.com

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.

GATE SCANNER *by* Sasa Software