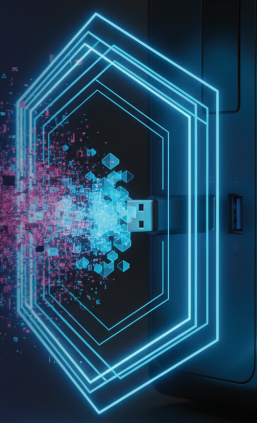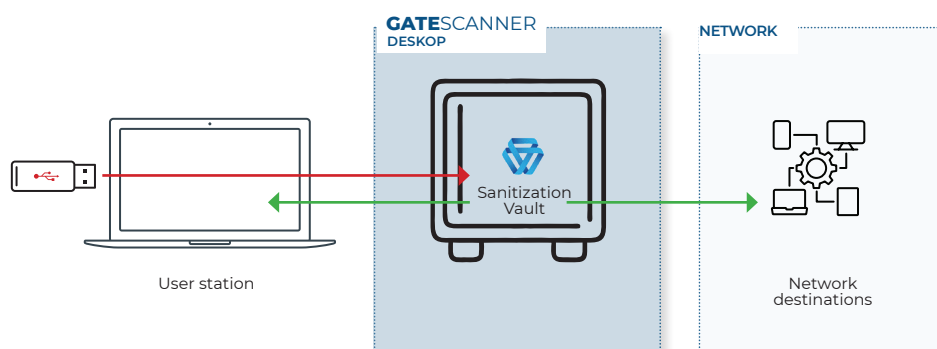# Sasa Software

GateScanner® Desktop
Endpoint Security for Portable Media

The use of USB drives and other removable media poses a critical security risk, often bypassing traditional defenses. **GateScanner Desktop**, powered by Sasa Software's award-winning Content Disarm and Reconstruction (CDR) technology, is the essential layer of defense for your endpoints, ensuring that files imported from portable devices are **100% safe and functional.**

GateScanner Desktop prevents sophisticated, file-based attacks - including zero-day exploits, ransomware, and APTs - from ever reaching your network via removable media.

User station — GATESCANNER DESKOP — Sanitization Vault — NETWORK — Network destinations

Technical Highlights

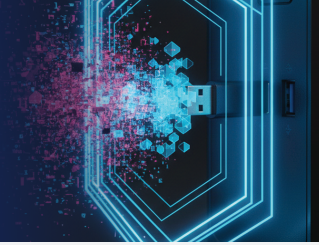**Highly-scalable** HA Client-Server architecture.

Full AD integration, centralized management with logs delivered to SIEM/Syslog.

Hundreds of file types, including MS Office, PDF, media files, archives (ZIP, RAR, etc.), PST, and more.

Automatic processing of **password-protected and hardware-encrypted media** (e.g., BitLocker).

Data redaction and masking for securely exporting data, protecting against exfiltration.

Key Features and Benefits

Feature	Description	Your Security Benefit
Content Disarm and Reconstruction (CDR)	Deeply analyzes, deconstructs, removes all potential malicious code (macros, scripts, hidden links), and reconstructs a brand-new, clean copy of the file.	**Proactive Zero-Day Protection:** Neutralizes threats that next-gen AV, sandboxing, or EDR solutions may miss, ensuring files are genuinely threat-free.
Removable Media Gateway	Automatically triggers a scan upon device insertion, guiding the user through a secure import/export process.	**Strict Policy Enforcement:** Enforces organizational security rules at the endpoint, preventing the unauthorized or unsafe transfer of files.
Rogue Device Isolation & Detection	Identifies and blocks malicious devices like BadUSB, RubberDucky, and hidden partition exploits.	**Physical Security Assurance:** Stops hardware-based threats before they can execute, securing the USB port itself.
Multi-AV Deep Threat Scans	Optimizes scanning with multiple Antivirus engines and NextGen AI detection to pre-filter known threats.	**Comprehensive Coverage:** Combines CDR's proactive power with the breadth of multi-engine detection for unparalleled defense.
Centralized Management	Client-server architecture with full Active Directory (AD) integration, central policy management, logging, and SIEM integration.	**Visibility and Compliance:** Gain a single point of control for enforcing policies, managing user profiles, and meeting regulatory compliance requirements.
Uninterrupted Productivity	Scanning is processed by a networked GateScanner service, minimizing the impact on the user's desktop performance.	**Seamless Workflow:** Users can continue working while files are being sanitized, with options for automated download and email notification upon completion.

How It Works

GateScanner Desktop leverages a highly-optimized process to secure file transfers from removable media:

1. **Device Insertion:** User inserts a portable device (USB, CD/DVD, etc.) at their workstation.

2. **Rogue Device Check:** The non-system device manager isolates and checks the device for rogue hardware or exploit code.

3. **File Selection:** The GateScanner Desktop application launches, allowing the user to select files for import/export.

4. **CDR Sanitization:** Selected files are sent to the central GateScanner CDR engine for deep scanning, disarming, and reconstruction.

5. **Safe Delivery:** A new, clean, and functionally intact copy of the file is delivered to the user's desktop or a pre-selected network destination.

"Eliminate the risk from removable media. GateScanner Desktop transforms every file from a potential threat vector into a trusted asset."

Technical Specifications (Highlights)

• **Architecture:** Highly-scalable Client-Server architecture.

• **Integration:** Full AD integration, centralized management with logs delivered to SIEM/Syslog.

• **File Support:** Hundreds of file types, including MS Office, PDF, media files, archives (ZIP, RAR, etc.), PST, and more.

• **Sanitization:** Automatic processing of password-protected and hardware-encrypted media (e.g., BitLocker).

• **Data Loss Prevention (DLP):** Includes redaction capabilities for securely exporting data, protecting against exfiltration.

About Sasa Software

Sasa Software (est. 2013) develops advanced cybersecurity solutions that prevent file-based attacks across email, file-shares, web uploads/downloads, and portable media.

The GATESCANNER® suite, powered by native Content Disarm and Reconstruction (CDR) technology, is trusted by over 450 organizations worldwide in sectors like defense, government, healthcare, finance, energy, and critical infrastructure.

Headquartered in Israel and ISO 27001 certified, Sasa Software has been recognized by Gartner (2020) and Frost & Sullivan (2017), offering flexible deployment models (on-premises, cloud, hybrid) with seamless integrations, including Microsoft 365, for secure digital file exchange.

Secure Your Perimeter. Request a Demo.
Ready to stop file-borne threats at the gate?

Contact us today to schedule a demonstration and see how GateScanner Desktop CDR technology protects your endpoints from removable media risks.

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