GATE SCANNER by Sasa Software

Case Study

HEALTHCARE

The Challenge

We live in a world of increasingly sophisticated cyber threats. APTs, ransomware, and other malware continually evade detection based technologies. Inside of the organization, users inevitably open files containing threats, leading to IT security incidents. Healthcare is the most targeted yet underprepared genre of critical infrastructures, suffering from a deluge of publicized ransomware attacks and data breaches. Healthcare organizations face significant direct and indirect costs from data losses and regulatory violations (e.g. HIPAA).

The Technology

GateScanner® Content Disarm and Reconstruction (CDR) by Sasa Software treats every incoming file and email as suspicious, performing deep threat scans, transforming files into a safe, neutralized and harmless copy, that ensures security. GateScanner® prevents unknown and undetectable malicious code attacks, including ransomware, while maintaining full usability, functionality and visibility of the files.

Customer Profile

Assuta Medical Centers is Israel's largest private medical services provider, with 4 hospitals, ambulatory centers, servicing over 1 million patients annually, performing over 92,000 surgeries and 6,000 IVF treatments per year.

HOSPITAL Assuta RAISING HEALTH STANDARDS

The Need

The medical center was aware of increasing rates of attempted cyber-attacks, and wanted to dramatically improve email security, as well as prevent malicious attacks via browsing.

Award Winning Solution

Sasa Software is the 2017 Frost & Sullivan Asia Pacific Critical Infrastructure Security Vendor of the Year

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

Proven Technology

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

Approved by the Israeli and Singaporean Cyber Commands

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

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The Solution

Assuta deployed multiple GateScanner® solutions (Mail, Secure Browsing). With email and browsing accounting for over 90% of malicious attacks, the solution dramatically reduced Assuta's exposure to potential cyber-attacks. Since all emails and files are disarmed, the solution reduces exposure to potential employee negligence, greatly leveraging their extensive employee security awareness training.

GATESCANNER Mail

GATESCANNER Secure Browsing

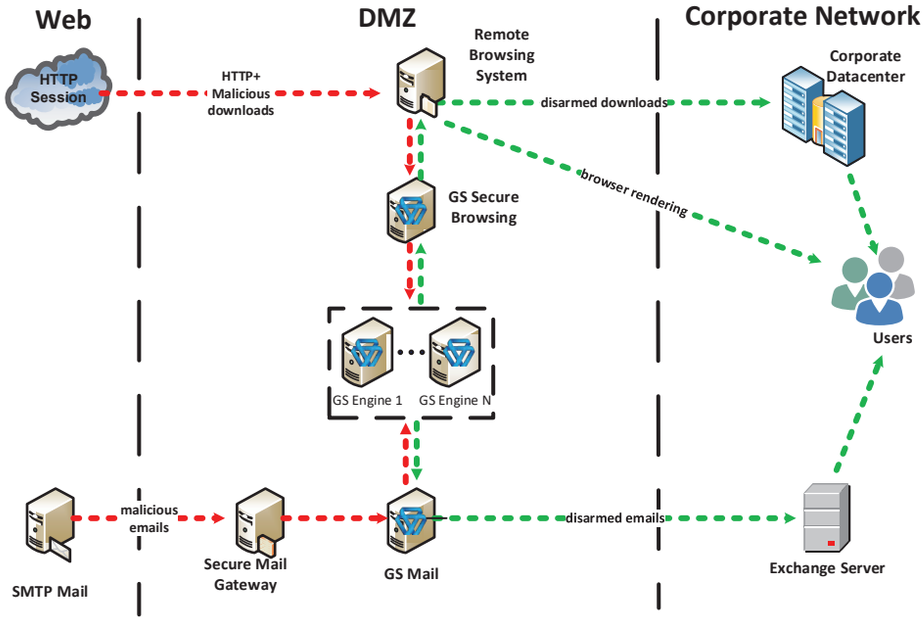
Workflow

GateScanner® Mail

- ✓ Customer's secure mail relay directs to GateScanner® Mail.
- ✓ GateScanner® Mail intercepts the SMTP traffic, and deconstructs the .eml files according to RFC2822.
- ✓ Every embedded email element undergoes deep scanning for known threats and is disarmed according to a designated profile.
- ✓ The neutralized .eml is reconstructed, and the SMTP traffic is forwarded to the customer's mail server.

GateScanner® Secure Browsing

- ✓ Users access the internet inside of a 3rd party remote browsing isolation solution (Cigloo).
- ✓ Downloads are saved in an isolated environment.
- ✓ Files are securely released from the isolation solution using a GateScanner® API connection.
- ✓ The disarmed files are delivered to the user's desktop.



Results

Tamir Ronen, CISO of Assuta Medical Centers testified, "In recent months, we have been the target of several ransomware attacks, including the notorious 'Petya' strain. Fortunately, GateScanner® prevented these kinds of attacks, protecting us from being exposed to system downtime and data breaches. With Sasa Software's solutions, we feel much more secured even from unknown and undetectable malicious attacks."

*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.