GLOBALSCAPE EFT™ PROTECTS FORTUNE 100 COMPANY FROM FUTURE RANSOMWARE ATTACKS

COMPANY DEPLOYS RAM AGENTS, MITIGATING ENTRY POINTS FOR RANSOMWARE

KEY DETAILS

OUTCOME

A secure file transfer portal, safely accessed both externally and internally

Reliable, always available service

LDAP with SSO 2FA

Vital protection from ransomware attacks

APPLICATION

+ Secure data transfer, segregate traffic between networks, and prevent data loss and downtime
+ Integration with third-party applications and systems
+ P2P application for exchanging secret formulas on drug advancements and technology

PRODUCTS

+ **EFT™ Enterprise**
+ **EFT™ Workspaces**
+ **EFT™ Auditing and Reporting Module**
+ **EFT™ Remote Agent Module**
+ **Professional Services**

OVERVIEW

A global Fortune 100 company based out of the U.S. approached Globalscape to standardize their file transfer methodology by improving their auditing and reporting. They also needed to secure their data exchange infrastructure from future ransomware attacks.

Like most organizations coming to Globalscape for help, this company was using disparate systems throughout the organization with insecure FTP that resulted in complicated reporting. IT administrators would have to scramble through processes on multiple versions of applications to achieve their data transfers both internally and externally.

The deep experience of our engineering team provided the client with a best-fit deployment to replace insecure protocols as well as prevent any future cyberattacks on their most vital and secret proprietary data assets.

CHALLENGE

In addition to replacing their homegrown file transfer infrastructure, the organization needed enhanced protection against malware that can quickly spread through connected systems. Ransomware is a type of malware that threatens to publish a victim's data or perpetually block access to their data unless a ransom is paid. Ransomware attempts to attack a company's network data, exploiting available file shares and rendering critical data and system files on targeted systems unreadable.

The organization's mission critical file transfers between manufacturing plants and the corporate office relied on file shares, which exposed corporate file servers to unacceptable risk.
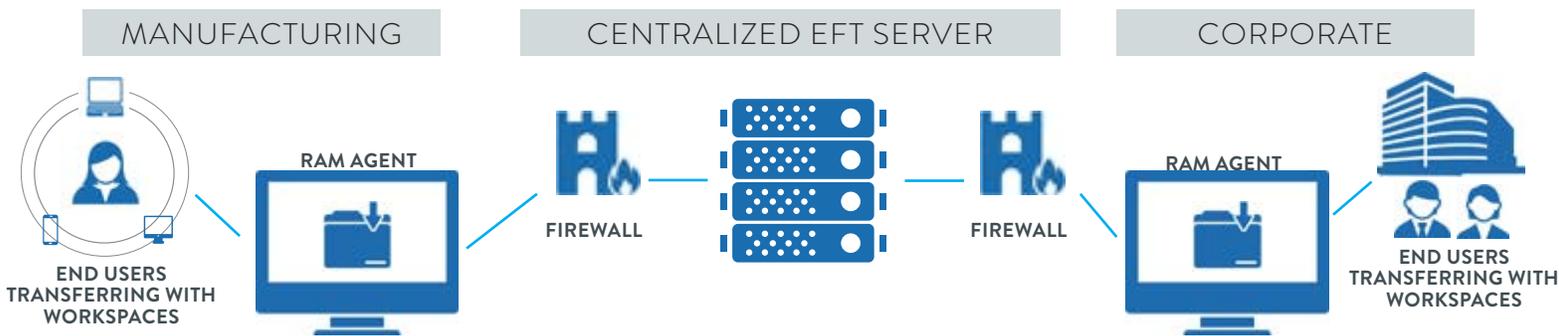
IMPLEMENTATION

Globalscape engineers recommended EFT Enterprise with RAM Agents, which uses secure protocols such as SFTP and HTTPS to transfer files between systems. The Remote Agent Module (RAM) for EFT Enterprise provides centralized control for automating transactions from distributed systems.

This allowed file share paths to be blocked between manufacturing plants and the corporate office, while retaining their ability to automatically copy new files between sites as needed. This also allowed for automated malware scans during transfer using the ICAP protocol, further protecting corporate resources whiel adding much needed auditing of critical transactions.

The client also deployed Workspaces at both the manufacturing plants and corporate for end users to use separate, individual accounts to transfer data via HTTPS. This allowed for secure P2P transfers to still take place while no longer relying on previously accessible file shares.

RESULT

Globalscape engineers designed a simple, yet powerful SFTP solution using EFT™ Enterprise with RAM Agents, Auditing and Reporting module, and Workspaces.

MANUFACTURING	CENTRALIZED EFT SERVER	CORPORATE

RAM AGENT

END USERS TRANSFERRING WITH WORKSPACES

FIREWALL

FIREWALL

RAM AGENT

END USERS TRANSFERRING WITH WORKSPACES

This resulted in a fully integrated managed file transfer solution with automated processing, auditing, and greatly enhanced protections against future ransomware attacks. Pathways commonly used by malware were eliminated without impacting critical business functions, all while improving visibility and simplifying administration.

The client also engaged Globalscape's Professional Services team to help deploy the EFT Environments among their global manufacturing plants. Thanks to the robust security, auditing and reporting, and the assistance from Professional Services for a quick and easy deployment, the company was able to not only mitigate risk from future ransomware attacks, but also streamline their transfers with automation using EFT.

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