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Fortinet and Sonpo Secure File Exchange Solution

Secure Solution To Exchange Files of Any Size and Type

Executive Summary

Sonpo offers a reliable product for securely receiving and sending files both inside a company and outside for communicating with other entities. It significantly increases the protection to a level very difficult to achieve when using other file exchange solutions, such as email or FTP server for example. Sonpo integration with Fortinet FortiSandbox provides customers with unparalleled security protection against ransomware, malware, and advanced unknown or zero-day threats.

Joint Solution Components

SOFiE—Safe Online File Exchange

Sonpo has joined the Fortinet Fabric-Ready technology alliance partner program and developed integration for a secure file exchange solution, leveraging Fortinet FortiSandbox. The Sonpo clientless solution does not require plugins or other software, and it can replace emails and other legacy services for file exchange, which could have many issues in customer environments, including the following:

- **Attachment size:** Most email servers limit email size to less than 50 MB. E-mail communication is therefore not suitable for large documents.

- **Attachment blocking:** Security nowadays often requires using highly restrictive policies to block executable files, documents containing macros, and archives containing such files.

- **Using public online services and cloud systems** is often needlessly complicated for exchanging files, and also problematic in terms of security of company data, or in terms of the protection of personal data in relation to the General Data Protection Regulation (GDPR).

The integration of Sonpo's application SOFiE and the Fortinet FortiSandbox provides a highly secure solution to exchange files of any size and type.

Top-rated artificial intelligence (AI)-powered FortiSandbox is part of the Fortinet breach protection solution that integrates with the Fortinet Security Fabric platform to address the rapidly evolving and more targeted threats including ransomware, cryptomalware, and others across a broad digital attack surface. Specifically, it delivers real-time actionable intelligence through the automation of zero-day advanced malware detection and response.

FortiSandbox's two-step AI-based sandboxing approach provides superior protection. Suspicious and at-risk files are subjected to the first stage of analysis that quickly identifies known and emerging malware through FortiSandbox's AI-powered static analysis. Second stage analysis is done in a contained environment to uncover the full attack life cycle, leveraging behavior-based AI that is constantly learning new malware techniques and automatically adapting malware behavioral indicators, making FortiSandbox's dynamic analysis detection engine very efficient and effective against new zero-day threats.

The integrated solution can work fully within the client's IT environment, offering complete control of data access and ownership with a high security level and providing **protection against ransomware, malware, and zero-day attacks**.

Joint Solution Components

- Sonpo Safe Online File Exchange (SOFiE)

- Fortinet FortiSandbox

Joint Solution Benefits

- Integrated file protection using FortiSandbox to detect zero-day threats

- Clientless solution—no plugins or other software required for clients; a web browser is sufficient

- Configurable inspection of files

- Option to set granular access rights

- Flexible deployment options; on-premises or cloud

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Joint Solution Integration

The Sonpo application SOFiE leverages application programming interfaces (APIs) to fully integrate with the FortiSandbox, including both hardware appliance and VM form factors of the FortiSandbox.
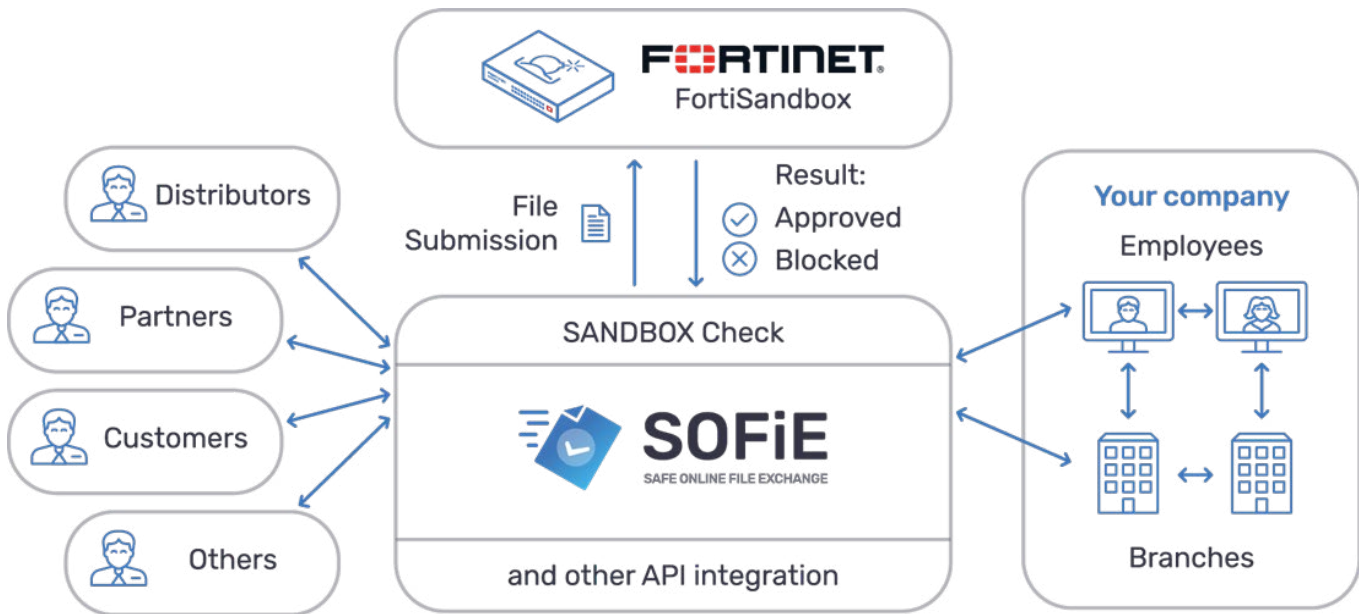

Figure 1: Joint solution integration.

About Sonpo

Sonpo specializes in ICT services with focus on security. Sonpo has its own team of experienced developers who take a comprehensive view of ICT security that encompasses all its complexity, analyze the weaknesses of customer's environments, systems, processes and, together with the customer, find optimal solutions that not only help increase their safety and security, but also fit into their existing environment as an integral part of it. Learn more at https://www.sonpo.eu.

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