FileCloud Integrates OPSWAT MetaDefender for Superior File Storage Security

High-Grade File Security

Letting malicious files enter sensitive storage resources can lead to leaks of sensitive customer and business-critical information. These and related cyberattacks on data repositories can lead to disruption, financial, and reputational loss.

FileCloud now integrates the OPSWAT MetaDefender threat detection and prevention platform, with its robust "trust no file" approach to file security.

Single, Centralized Source

If a malicious file enters a system, it can result in significant costs. This is why FileCloud is constantly fine-tuning its product to cater to the growing security needs of enterprises to provide a fail-safe, centralized file-sharing platform for enterprises.

Partnering with OPSWAT MetaDefender is the latest initiative in this quest to offer enterprises a truly impenetrable file system to protect data.

Smooth User Experience

Enable enterprise users to go about their work seamlessly, secure in the knowledge that files are scrutinized by multiple malware engines, thus dramatically increasing the detection rate.

FileCloud has used its ICAP integration capabilities to significantly bolster the security of its already highly secure file-sharing platform with MetaDefender's powerful capabilities for a heightened level of enterprise security.

FileCloud with OPSWAT MetaDefender: Unsurpassed File Security

Cybersecurity must constantly evolve to keep pace with the methodologies used in cyberattacks. A recent BlackCloak and Ponemon study suggests that cybercriminals are now engaging in personalized targeting of high-level executives in well-known organizations. This is due to their awareness that such individuals have more access to sensitive information than other employees, such as strategic business plans, trade secrets, and proprietary technology.

Costs associated with cyberattacks of any type can include reputational damage (personal for executives and/or organizational) and decreases in revenue due to business disruptions. This is why FileCloud has partnered with OPSWAT and their advanced threat detection and prevention platform, OPSWAT MetaDefender.

Like FileCloud, the creators of MetaDefender recognize that the most common form of cyberattack is through malicious files, and accordingly, work on the basis that no incoming file should be trusted. MetaDefender provides a layered approach to enhancing secure posture, using Multiscanning and Sandbox technologies to deliver a remarkable 99%+ malware detection rate, in addition to Deep Content Disarm and Reconstruction (CDR) capabilities.

Given that most cyberattacks occur through malicious files, this partnership means that FileCloud is now further positioned to become part of the backbone of any enterprise security stack.

How Does OPSWAT MetaDefender Work?

OPSWAT MetaDefender achieves its exceptionally successful malware detection rate through actions that include:

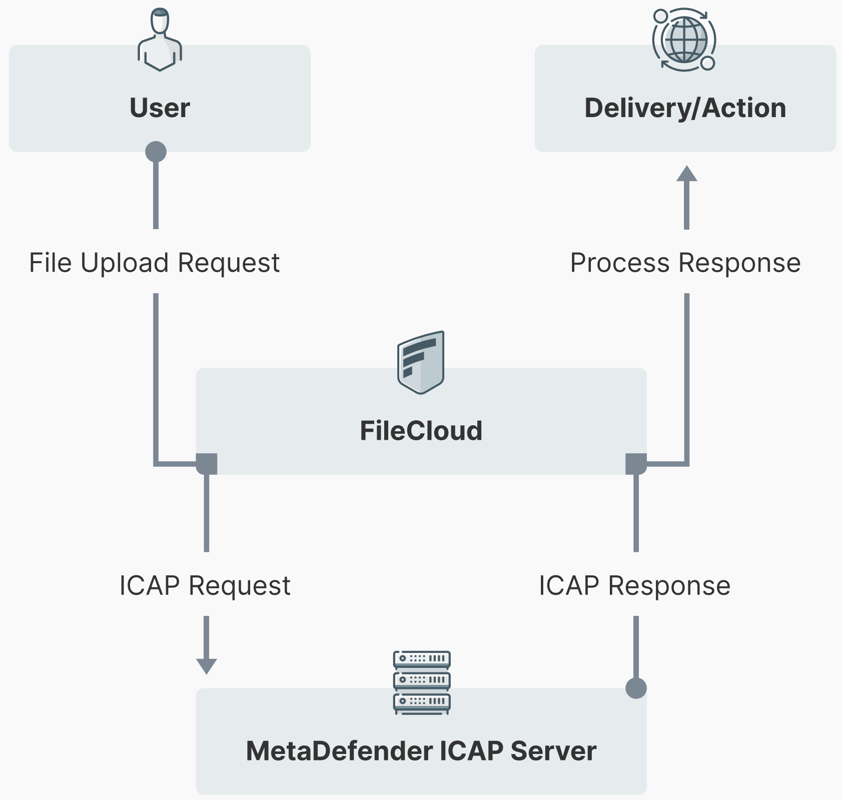
- **Analyzing file behavior for malicious activity.**
- **Detecting phishing websites and botnets.**
- **Detonating files in a sandbox environment.**
- **Checking the trustworthiness of URLs, domains, and IP addresses.**
- **Using a CVE scanner that associates hashes with products, and products with CVEs, to isolate vulnerable hashes.**

High-Level Integration Workflow: MetaDefender and FileCloud

1. A user initiates a file upload request to FileCloud.
2. As the intermediary, FileCloud sends an ICAP request to OPSWAT MetaDefender that includes the file for scanning.
3. On receiving the ICAP request, MetaDefender scans the file for viruses and other threats, using its powerful antivirus technology.
4. On completing the scan, MetaDefender generates its ICAP response to provide data about the scan results.
5. MetaDefender sends the ICAP response to FileCloud, which receives and processes it, extracting the scan results.
6. Depending on the scan results, FileCloud performs one of the following actions:

    a. Notifies the user that the file has been quarantined.

    b. Allows the file to be delivered.



User

File Upload Request

FileCloud

ICAP Request

MetaDefender ICAP Server

ICAP Response

Process Response

Delivery/Action

> "One thing that sets FileCloud apart from their competitors is their dedication to innovation. They are always on the cutting edge of new technologies and are constantly working to improve their products to better meet the needs of their customers."
>
> **– Automotive sector professional**