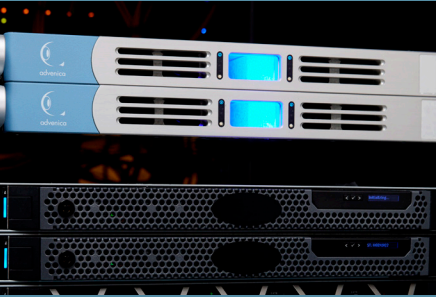




File Security Screener

Secure File Transfer



Key features

- Secure import of all types of files including software updates, email attachments and digital documents
- Guaranteed separation of networks with Advenica's data diodes
- Malware scanning by third-party solution OPSWAT Meta-Defender Core
- Customisable import rules based on the source of the information and the file type
- Scalable solution with ability to increase the number of connected source networks
- Interface through shared folders or storage media such as USB

Technical brief

- Anti-virus scanning, custom sandboxes and CDR (Content Disarm and Reconstruction) engines from OPSWAT Meta-Defender Core
- Quarantine and archive of files
- Support for large files, up to 100GB
- Log and monitoring through Syslog and SNMP
- External heartbeat from source networks to protected network

Approvals

The Advenica Data Diode SecuriCDS DD1000i is approved in Sweden for data transfer between networks of different security levels up to and including the level of HEMLIG/TOP SECRET.

Importing files into secure environments poses a great security threat if the files are not properly sanitised before transfer. The File Security Screener (FSS) is a state-of-the-art, high security data transfer solution based on a guaranteed unidirectional data diode technology and malware security scanning.

File transfer at the highest level of security

The File Security Screener (FSS) enables file transfer to sensitive networks without compromising the integrity and confidentiality of the receiving system. The FSS solution automatically handles security scanning for all files transferred between different network domains while at the same time assuring separation of the connected networks. The solution is hardware protected by Advenica's data diodes, ensuring unidirectional data flow between the networks, keeping the secure network safe from information leaks.

Flexible & scalable solution

The FSS is a highly configurable solution that can be used to solve multiple challenges. Several options for file content scanning are available as well as hidden content recognition and removal (CDR) and recognition of sensitive information (DLP). The solution can easily scale as new needs emerge, by increasing the number of connected source networks or adding functionalities.

High-level protection

Designed for the national security segment as well as other high security environments, the FSS enables import of data into secure, isolated networks without compromising security. High malware detection rates are achieved by using multi-scanning - an advanced threat detection and prevention technology that increases detection rates, decreases outbreak detection time and provides resiliency to anti-malware vendor issues. Combined with purpose-built data diodes, this is the most secure and comprehensive up-to-date protection on the market against software supply chain attacks and other file-based vulnerabilities.

Trusted solution from one source

The complete solution is supported by Advenica, which gives you a single point of contact for delivery and maintenance. Advenica is EU approved to the highest level of security and is a trusted supplier to customers within national defence, government and critical infrastructure.

File Security Screener Package Options

Secure File Transfer

The File Security Screener solution can be customised in many ways to cover different needs. We can offer different packages depending on your use case, installation environment and target cost.

Included components

- FSS Destination Data Diode
- FSS Solution Engine
- OPSWAT MetaDefenderPlatform
- OPSWAT MetaScan 8 Engines

Starter package

The smallest size package includes the essential components needed to protect your security domain from malicious code attacks. The sensitive network is secured by a data diode, guaranteeing unidirectional communication, and the files are scanned using eight antimalware engines from well-known antivirus vendors.

Included components

- FSS Destination Data Diode
- FSS Source Data Diode
- FSS Solution Engine
- OPSWAT MetaDefenderPlatform
- OPSWAT MetaScan 12 Engines

Standard package

The standard package is suitable for many different use cases and includes two data diodes, protecting the file sanitation environment as well as the sensitive network from attacks. File scanning is performed with 12 different antivirus engines from well-known antivirus vendors.

Included components

- FSS Destination Data Diode(s)
- FSS Source Data Diode
- FSS Solution Engine
- OPSWAT MetaDefenderPlatform
- OPSWAT MetaScan 20 Engines

Multi-domain package

The multi-domain package can support large organisations and companies with multiple networks from a single secured isolated network and file analyse engine. File sanitation is performed with 20 different antivirus engines from well-known antivirus vendors.



Advenica provides expertise and world-class high assurance cybersecurity solutions for critical data in motion up to Top Secret classification. We enable countries, authorities and companies to raise information security and digitalise responsibly. Founded in 1993, we are EU approved to the highest level of security. Our unique products are designed, developed and manufactured in Sweden.

[Read more at advenica.com](https://advenica.com)

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