



File Security Screener

Secure file import



The File Security Screener (FSS) is a state-of-the-art, high security file import solution. FSS effectively combines multiscanning techniques for malware detection and data diodes for unidirectional data flow, enabling secure file import to the most sensitive systems.

File transfer at the highest level of security

The File Security Screener (FSS) enables file import to sensitive networks without compromising the integrity and confidentiality of the receiving system. The FSS solution automatically handles malware scanning of all files transferred between different network domains while at the same time assuring separation of the connected networks.

Flexible & scalable solution

The FSS is a versatile and customisable solution with several options for antivirus scanning and other threat prevention techniques such as Deep Content Disarm and Reconstruction (Deep CDR) and Proactive Data Loss Prevention (Proactive DLP).

Configurable pre- and post-actions allow for defining priority based on file type, user or input source and how files are handled before, during and after scanning.

The flexibility of the solution allows it to grow with emerging needs and can easily scale up to support several source networks.

High-level protection

Designed to comply with national security environments, the FSS enables import of files into sensitive networks with high security requirements.

Multi-scanning is used to achieve high malware detection rates. An advanced threat detection and prevention technology that increases detection rates, decreases outbreak detection time and provides resiliency to anti-malware vendor issues.

The FSS data diodes from Advenica guarantee a unidirectional data flow, providing a state-of-the-art solution for protection against software supply chain attacks and other file-based vulnerabilities.

Key features

- Secure file import using multi-scanning and other threat prevention techniques.
- Support for all types of files including software updates, email attachments and digital documents.
- Guaranteed separation of networks with Advenica's data diodes.
- Customisable import rules based on the source of information and file type.
- Scalable solution with ability to increase the number of connected source networks.

Technical brief

- Antivirus scanning engines, custom sandboxes and other modules from OPSWAT MetaDefender Core.
- Automatic update of anti-virus engines.
- Quarantine and archive of files.
- Log and monitoring with Syslog and SNMP.
- External heartbeat from source networks to protected network.

Technical data

File Security Screener

Solution composition

With a wide range of customisation options the File Security Screener can be tailor-made towards specific and demanding requirements.

Included components

- Advenica Data Diodes (FSS Source and Destination)
- FSS Solution Engine
- OPSWAT MetaDefender
- OPSWAT MetaScan Engines (customisable)

Optional

- OPSWAT Deep CDR (Deep Content Disarm and Reconstruction)
- OPSWAT Proactive Data Loss Prevention (Proactive DLP)
- OPSWAT Sandbox (zero-day protection)

Supported applications and protocols

- File transfer (SFTP)
- Email transfer (SMTP)

Performance

Network interfaces

Gbit Ethernet

Internal data diode capacity

1 Gbit (including error correction data)

File size

Up to 100GB

Data Diode Technical data

Please view the Advenica SecuriCDS DD1000i product sheet.

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 HEMLIGT/KVALIFICERAT HEMLIGT i.a. SECRET/TOP SECRET.

Non-public approvals available in other European countries.



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.

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