



Data Diode Product Collection

Physically enforced one-way data flow



Data Diode DD1G

The second generation Advenica Data Diode DD1G is a Gigabit Ethernet-based data diode. It is a pure hardware device eliminating the risk of misconfiguration. Compact form factor and three-way mounting options, standalone, 19" rack or DIN-rail, simplifies deployment for different environments and use cases.

Data Diode DD1000i

Advenica SecuriCDS DD1000i is a Gigabit data diode with built-in proxies provided in a 1U 19" appliance. The proxy software supports various applications requiring bidirectional communication like file or log transfer. DD1000i has several approvals on the highest security level in European countries.



Data Diode DD1000A

SecuriCDS DD1000A is a Gigabit Ethernet-based data diode ensuring physical separation in high assurance systems. The device can be mounted as a half-width 19" rack system or used as a tabletop device. DD1000A has several approvals on the highest security level in European countries.



Industrial Data Diode*

The Industrial Data Diode is a small form factor data diode optimised for industrial installations. IP connectivity capabilities facilitates integration in vital networks, enabling secure export of data for automation of data collection while preserving the protective characteristics of air-gap.

*Preliminary product definition and technical data. Release in 2025.



Data Diode Engine

The Advenica Data Diode Engine is a standalone proxy software that enables efficient and secure data transfer through any Ethernet-based data diode from Advenica. In combination with ready-to-use software services, it enables use case specific network segmentation solutions for a variety of installation environments.

Data Diode Services

The Data Diode Services is a growing library of services that, combined with the Data Diode Engine, covers multiple use cases for unidirectional segmentation solutions. Among these are Secure file transfer, Secure log export, Secure export of machine data (OPC UA) or IoT data export (MQTT).

For a complete list of available services, please see our online documentation at advenica.com.



File Security Screener

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



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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.

ISO 9001
CERTIFIED
ISO 14001
CERTIFIED

OTD Bilişim

GLOBAL VAD