

## **Protocol Guide**

## **Protocol support for Advencia Data Diodes**

- The Advenica Data Diode Services are software applications that handle the integration with systems on the source and destination networks.
- Each service supports one or several protocols for connecting to the diode.
- The services can be run on DD1000i, an Advenica data diode with integrated proxy servers, or on external hardware together with proxy software Data Diode Engine.

Data Diode Service	Supported protocol or application
File Transfer	SFTP
	SMB
	NFS
	FTP
OPC UA	OPC UA
	OPC UA to MQTT (protocol conversion)
MQTT	MQTT
Log Transfer	Syslog over UDP or TCP
Email Transfer	SMTP
HTTP (Unidirectional) Transfer	HTTP / HTTP(s)
Data Transfer	UDP
	TCP
Time synchronisation	NTP

Version 1.0

The list of available protocols is continuously updated.

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