



Protecting secrets

How do organizations confidently protect highly sensitive or classified information? Rules and regulations for handling confidential information require a level of security that is often considered impractical. Some organizations employ measures to achieve high levels of physical security which offer great protection at the cost of productivity. Other organizations take a waiting stance toward implementing security requirements, favoring a more fluent but insecure workflow. **Certified up to CC EAL7+, Fox DataDiode protects secrets from digital threats by ensuring a guaranteed one-way network connection**, providing continuous safe access to data, 24/7, 365 days a year.

Keeping confidential information safe

Confidential information is often stored on disconnected, isolated networks to prevent data leakage. Adding information to these networks typically involves the offline transportation of data on removable media such as optical discs and portable USB storage devices. Not only is this a cumbersome and slow method, it is also error prone. As has been demonstrated by recent high-profile cases of compromised security, the actual level of security in these methods is debatable.



Fox DataDiode FDD3 19" unit.
For more information, see [Technical data sheet](#).

Strict one-way communication

Fox DataDiode prevents data from leaving the high secure network by ensuring a guaranteed one-way network connection. This automates and streamlines the process of transporting information to confidential networks at the same time lifting the security levels to new heights, by securely and smoothly transferring information in real time. This way, you will have immediate access to the most recent acquired intelligence in your confidential environment.

Highest certification levels

Fox DataDiode is certified by NATO for use up to COSMIC TOP SECRET level and up to level EAL7+ under the Common Criteria scheme. Fox DataDiode hardware has been accredited by local authorities such as the Dutch General Intelligence and Security Service (NCSA-NL) and the German Bundesamt für Sicherheit in der Informationstechnik (BSI).

Fox DataDiode is the only solution that guarantees one-way connection on a physical level (OSI layer 1). Fox DataDiode hardware does not have software, firmware, or FPGAs. Hence, it cannot be exploited or wrongly configured.

Secure your most confidential data



When your adversaries include determined state actors, you need a defense with the lowest number of potential attack vectors.

Hardware-based one-way traffic, no backdoors



Prevent infiltration and exfiltration attempts on your network by forcing one-way data traffic. With no need for constant security upgrades, you can mitigate the risk of backdoors or side-channel attacks.

24/7 availability at lightning speed



Fox DataDiode provides continuous safe access to your data vaults, **24/7, 365 days a year, at up to 10Gbps**.

Want to learn more? Reach out to your local Fox DataDiode partner or get in touch with us directly via internationalsales@foxcrypto.com