Owl Data Diode CAPABILITIES & USE CASES

OWL Cyber Defense

OWL DATA DIODE CAPABILITIES

Rigorously Tested

Validated by the U.S. Government, accredited to Common Criteria EAL 4+, NERC-CIP, IEC 62443, and more.

Next-Gen High-Speeds

Flexible, hardware-accelerated low latency one-way transfer with throughput speeds up to 100 Gbps.

Flexible Deployment Options

Embed in platforms or deploy at endpoints for flexible, high-assurance protection across mission environments.

Field-Ready Incident Response

The Owl Incident Response Diode (IRD) is the first protocol filtering diode built for secure forensic file collection.

Trusted at the Highest Levels

Deployed across the U.S. Department of War, Intelligence Community and nuclear, water, financial, data center & power industries.

Multiple Layers of Security

Feature protocol filtering, TPM binding, SELinux enforcement, STIG-compliant OS, BIOS password, whitelisting & disk encryption.

USE CASES



Remote Access

Secures remote connections into sensitive networks without opening a return path.



IT/OT One-Way Separation

Moves data from OT to IT with no route back into the control environment.



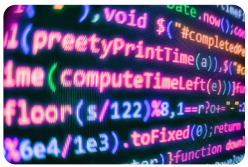
Defensive Cyber Operations

Supports defensive cyber missions where one-way assurance is non-negotiable.



High-Speed File Transfer

Handles large file transfers at up to 100 Gbps throughput speeds.



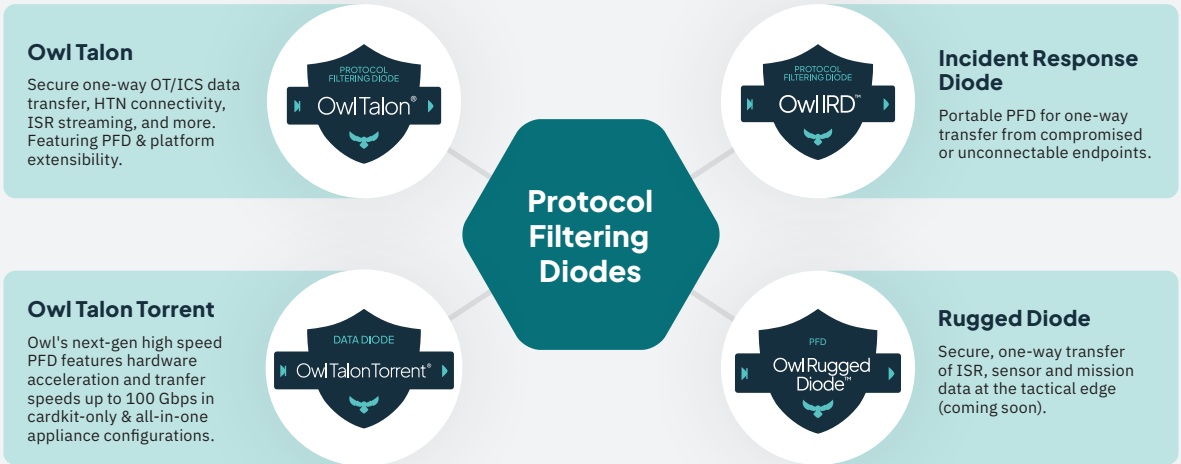
AI Data Ingestion

Feeds AI systems a one-way stream of data without exposing the source network.

Owl Data Diode PRODUCT SUITE

OWL Cyber Defense™

OWL DATA DIODE SOLUTIONS



One-way was never enough™.
Demand more from your data diodes.

Scan the QR code for the Data Diodes Overview.