

# XD Prism MPP

## Streaming and File Transfer Data Diode Solution

### KEY FEATURES

- Support for multi-protocol one-way data flows, including both UDP- and TCP-based transfers
- Up to 10 Gbps max throughput
- 1U Low SWaP-C (size, weight, power, and cost) form factor
- NSA/NCDSMO approved data diode components (Owl V7 Communication Cards)
- STIG-compliant, CLIP-enforced operating system
- Key hardware-based component for Raise-the-Bar (RTB)-compliant cross domain solutions

### SUPPORTED CONTENT TYPES

- Sensor Data
- Syslog Messages
- SNMP Traps
- Video Streaming
- Documents
- Files

### Hardware Enforced Protection for Secure Data Transfers

In defense, intelligence, and other sensitive government agencies, data streaming and file transfer data flows are crucial components of any successful operation. Whether for collection of sensor output and information reports or the dissemination of command and control, alerts, and information, these data flows must be protected. This protection is especially critical when data flows are between missions and organizations working in different classifications and high threat/contested environments, where unauthorized access or content is prohibited.

### Hardware-Enforced, One-Way Transfer Data Diodes

The XD Prism Multi-Protocol Platform (XD Prism MPP) secures file transfers and data streaming between classified and unclassified networks.

The XD Prism MPP is available in several different form factors to support a variety of use cases, with support for multi-protocol data flows at up to 10 Gbps.

Owl's MPP software platform is based on a STIG compliant, CLIP enforced, EAL4+/OSPP Red Hat Enterprise Linux (RHEL) foundation. It is capable of scanning, validating, filtering files and streaming data to ensure only authorized content is transferred. Owl Cyber Defense's NSA/NCDSMO evaluated and approved one-way transfer (OWT) data diodes, integrated in each XD Prism MPP hardware platform, provide hardware enforced separation of data flows.

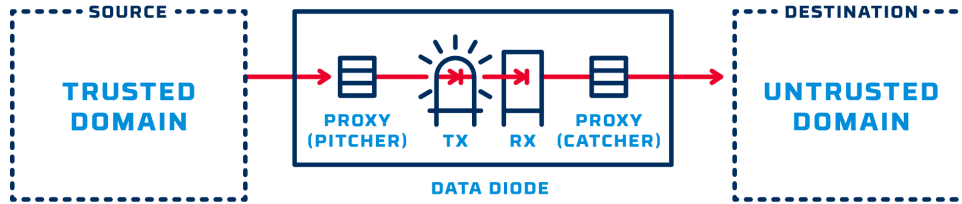
### Robust Data Flow Protection

To address mission and organization needs for additional physical separation and higher capacity data flow streaming and transfer bandwidths, XD Prism MPP provides data flow protection for the highest threat environment connections.

- Supports UDP-based unicast/multicast/broadcast data streams
- Supports TCP-based file transfers or data streams
- Utilizes Owl Remote File Transfer Service (RFTS) for enhanced file security, performance, and connectivity
- Built-in filtering, scanning, and validation
- Dell TAA compliant

# The Industry's Trusted Leader in One-Way Data Transfer

Owl Cyber Defense is a pioneer and industry leader in hardware-enforced cross domain solutions and data diode technology, with trusted expertise in high-assurance secure data transfer solutions. Owl's proven, U.S. Government accredited, and EAL Certified technology is used and certified by industry specialists and regulatory bodies recognized all over the world.



## Available Form Factors

XD Prism MPP is available in several form factors, with support for bandwidth up to 10 Gbps. Technical specifications including operating conditions, power supply, storage conditions, mounting system, and network connectivity are available in the applicable form factor data sheets.



Owl Cyber Defense Solutions, LLC leads the world in data diode and cross domain network cybersecurity. With a constant focus on customers in the military, government, critical infrastructure, and commercial communities, Owl develops market-first, one-way data transfer products to meet a variety of operational needs, from entry level to enterprise.

For more information on Owl, or to schedule a demo, visit [www.owlcyberdefense.com](http://www.owlcyberdefense.com)



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