OWL Cyber Defense

XD Bridge
Cross Domain Solution

OWL CYBER DEFENSE
RAISE THE BAR READY
FLYING ABOVE THE BAR

HIGH PERFORMANCE

Features best-in-class performance with 1 Gb network interfaces delivering high throughput, low latency bidirectional data transfer.

COST-EFFECTIVE

- Lower initial and ongoing lifecycle costs than competing products

- Per-unit pricing not tied to capacity or throughput

CONVENIENT DESIGN

- Standard 1U 19" rack-mountable configuration

- Custom configurations also available

FLEXIBLE FILTERING

The product's design supports rapid development of data-filtering capabilities, including custom security policies and filters.

INTEGRATOR FRIENDLY

XD Bridge is an excellent platform for system integrators to build application-specific cross-domain guards.

CERTIFIED & ACCREDITED

- TSABI certified at PL-5

- SABI certification

- Raise-the-Bar (RTB) phase one compliant as listed on the NCDSMO Baseline (formerly UCDSMO Baseline)

The Owl Solution

XD Bridge™ is a dual-guard, quad-diode appliance that combines flexibility, low cost and high performance. Ideal for a variety of cross domain and data diode applications, XD Bridge delivers fast, effective, and secure data transfer between systems of differing security levels.

Backed by strong security at each system layer, XD Bridge supports both unidirectional and bidirectional transfer modes.

With its standard 1U rack-mountable configuration and minimal administration requirements, XD Bridge can be easily deployed in enterprise applications or remote or isolated environments.

Filters are available for file transfer with deep content inspection and sanitization and streaming protocols such as full-motion video.
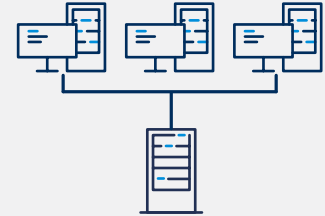
LOW SIDE SECURITY DOMAIN

+ *Full Motion Video*
+ *Files & Images*
+ *XML, MS Office, PDF*
+ *UDP data streams*

HIGH SIDE SECURITY DOMAIN

- ISR Sensor Data Streams
- Unclassified Data Feeds (NWS, FAA)
- Monitoring / Reporting Information
- Equipment Software Updates

- Off-board mission planning systems
- Fusion Workstations
- Coalition Info Sharing
- Maintenance Systems

Technical Specifications

DIMENSIONS:
- 18-7/8" x 26" x 1.75"

WEIGHT:
- 20 lbs

POWER:
- 70W @ idle, 170W maximum

COOLING:
- 580 BTU max and 240 BTU typical

POWER SUPPLY VOLTAGE:
- 120 VAC

PORTS (PER SIDE):
- 10 / 100 / 1000 Ethernet
- ST Fiber – 1 transmit, 1 receive
- USB 2.0 (boot only)
- VGA console, PS/2 keyboard

PROTOCOLS:
- FTP, SFTP, FTP/S, TCP, UDP Unicast, Multicast, Broadcast

OPERATIONAL TEMPERATURE:
- -10° to 50°C

STORAGE TEMPERATURE:
- -40° to 70°C

ALTITUDE (UNPRESSURIZED):
- 4,600m (15,000ft)

HUMIDITY:
- Maximum 90% non-condensing relative humidity

OWL Cyber Defense

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 owlcyberdefense.com

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