XD Bridge ST
Cross Domain Solution for Fixed Format and Streaming Data

**CAPABILITIES**
- TCP/UDP streaming of structured (XML schemas) and fixed format (Link16, USMTF, VMF DFDL schemas) data messages.
- REST POST transfer of structured and fixed format data files
- Software-enforced linear assured pipeline filtering
- Hardware-enforced diode-based processing isolation and separation

**COMPLIANCE**
- NCDSMO Baseline Certification (Q4CY21)
- NSA and Common Criteria hardware-enforced diode certification
- CLIP enforced STIG compliant configuration
- Raise-the-Bar (RTB) phase one compliant as listed on the NCDSMO Baseline

**RTB-Ready Secure Data Transfer**
XD Bridge ST is a flexible, high performance Cross Domain Solution providing assured transfer for streaming or posting fixed format and structured data.

XD Bridge ST provides data inspection and sanitization through a comprehensive linear pipeline filtering process using validated data schemas to ensure data is “clean” prior to transfer. Owl's linear assured pipelines enable a wide range of high-to-low and low-to-high use cases, with support for XML, Link16, USMTF, VMF, and other data formats.

**Flexible Configuration**
Owl provides XD Bridge ST in a variety of form factors to meet the needs of tactical operations as well as datacenter implementations, with bandwidth capabilities up to 10 Gbps.

**Hardware-Enforced Domain Separation**
Owl CDS solutions integrate data diodes to provide hardware-enforced one-way data transfer capabilities. Depending on the specific needs of the customer, Owl offers solutions that provide data transfers for one-way, two-way, or bidirectional use cases.
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