

XD Bridge DCI

Cross Domain Solution for Deep Content Inspection

CAPABILITIES

- SFTP/FTPS transfer of complex (Office, PDF, images, archives), structured, and fixed format data files
- Software-enforced recursive decomposition, content disarm, and reconstruction
- Hardware-enforced diode-based processing isolation and separation

COMPLIANCE

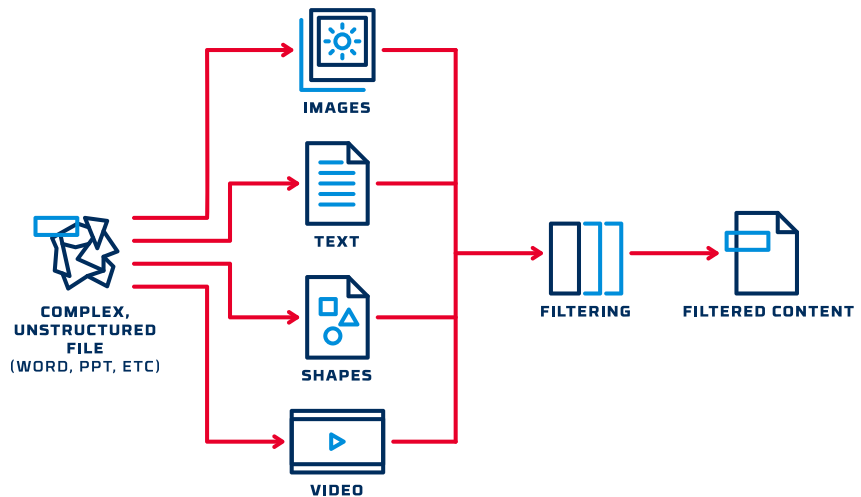
- NCDSMO Baseline Certification (Q3CY22)
- NSA and Common Criteria hardware-enforced diode certification
- CLIP enforced STIG compliant configuration
- Common Criteria and NIAP certified Operating System
- Raise-the-Bar (RTB) phase one compliant as listed on the NCDSMO Baseline



Secure Transfer for Complex Data

XD Bridge DCI performs deep content inspection and sanitization to protect sensitive data from inappropriate access and protect highside networks from malicious content.

XD Bridge DCI uses comprehensive data transformation, orchestration, and recursive decomposition filtering to inspect and remediate complex file types such as MS Office, Adobe PDF, imagery, or archives.



Flexible Configuration

XD Bridge DCI is available in a variety of form factors to meet a variety of operational needs, with bandwidth capabilities up to 10 Gbps.

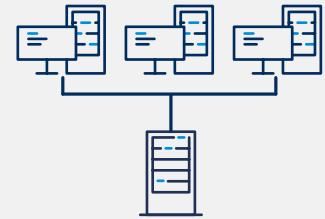
Hardware-Enforced Domain Separation

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.

LOW SIDE SECURITY DOMAIN



HIGH SIDE SECURITY DOMAIN



XD Bridge DCI



- High Threat Network Security
- Intelligence Collection
- Collaborative Mission Planning
- Complex File Inspection

Available Form Factors

XD Bridge DCI is available in multiple datacenter 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 datasheets.

DATACENTER - 1U
Up to 1 Gbps bandwidth



DATACENTER - 1U
Up to 10 Gbps bandwidth



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