

Data Diode and Cross Domain Solutions



For over 20 years, Owl Cyber Defense has been the global leader in hardware-defined cybersecurity solutions, specializing in the protection of critical infrastructure, government agencies, and industrial enterprises. As the pioneer of [Data Diode and Cross Domain Solutions](#), we provide an unbreachable barrier against cyber threats by ensuring one-way, deterministic data transfers. Our mission is to secure the world's most sensitive networks—from nuclear power plants and oil refineries to global defense systems—by replacing vulnerable software-based firewalls with robust, hardware-enforced security that eliminates the possibility of external access.

At Owl, we are committed to constant innovation in the face of an ever-evolving threat landscape. Our team of experts combines deep engineering knowledge with a forward-thinking approach to cloud-to-edge security and mission-critical reliability. We pride ourselves on being the trusted partner for organizations that cannot afford a single point of failure. By bridging the gap between operational technology (OT) and information technology (IT), Owl Cyber Defense continues to set the gold standard for network integrity, operational continuity, and national security worldwide.

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