

Cross Domain Solutions

The Problem

You need to get important data securely from one place to another, ensuring that only the data you want to move is released, while protecting your network from attack. You not only need a system that meets the stringent security requirements for this connection – you also need to have the system approved to operate, and you need it in place as soon as possible.

What We Do For You

Since the introduction of Security Enhanced Linux (SELinux) into the open source community in 2001, Owl has pioneered its use as the preferred mechanism to enable data transfer between security domains. From fundamental security architecture design and implementation, our expertise has expanded to include filter development, complete system development, system evaluation, certification testing, and accreditation process support. We have successfully executed technology transfers from Government programs to commercial products.

We are experts in full lifecycle design, development, test, evaluation, certification, deployment, and accreditation of CDSs.

- We know CDS technology – we can help at any phase of CDS development.
- We know the Risk Management Framework (RMF) process – designing and building to the certification requirements, providing the right artifacts, and presenting the right information eases the RMF process for all involved.

“We enable trustworthy information transfer, making the right data available to the right people at the right place and right time.”

OUR EXPERIENCE

Develop CDS Technology

One-way information flow with SELinux policy Mandatory Access Control (MAC) of the security architecture.

Filter development for fixed format and complex protocols and data types.

Develop CDS Platforms

+ **XD Bridge™** – secure, low latency one-way information flow enforcement

+ **XD Guardian™** – exportable secure, low latency one-way information flow enforcement

+ **XD Sidecar™** – deep content inspection of complex file types

+ **XD Air™** – enables controlled air gap transfer

Certification Test & Evaluation and Accreditation Support

Certification test & evaluation support strong security is not only for traditionally risky environments – risk is everywhere. Your customers want to know that they can trust your product or application.

Design, build, test, and document to meet the stringent CDS certification requirements and support certification and accreditation through the NCDSMO process.

Having Owl perform a security architecture assessment of your design gives you the confidence that your solution won't become their problem.

Why Owl?

Owl has been developing fundamental CDS technology and complete systems for more than a decade. We have helped build or evaluate many of the solutions in the National Cross Domain Services Management Office (NCDSMO) Capabilities Portfolio. By working on the development, evaluation, and accreditation aspects of CDSs, we understand the needs of the vendor, the mission element, and the authorizing bodies, and can help efficiently navigate the design, development, evaluation, and accreditation of a CDS.



Want to learn more about our cross domain solution capabilities and how we can help you solve your data transfer problems?

Please contact the Owl team at info@owlcyberdefense.com



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 www.owlcyberdefense.com

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