THE OWL ADVANTAGE

VARIABLE BANDWIDTH LICENSING

Protect Your Investment

Owl is always focused on the future. Our data diode cybersecurity products for network segmentation and one-way data transfer are built far beyond any comparable products in the industry. Designed from the ground up to be one-way, we feature unmatched reliability, data transfer and replication capabilities, and architectural ingenuity.

In fact, the mean time before failure (MTBF) on Owl products averages over 11 years, which means your investment in Owl will serve you for a long time. Unlike other products with short refresh cycles, our customers continue to secure their networks with a single solution, even as their needs change. This is possible because Owl products feature:

- **A strong architectural base, with all-in-one appliances, purpose-built for one-way transfers**
- **The ability to add new software interfaces and protocols as data variety grows or volume expands**
- **Variable bandwidth licensing that allows customers to increase bandwidth over time**

Architectural Ingenuity

At the core of our products is a dual diode system which utilizes a pair of data diodes working in series to guarantee, deterministic one-way only network transfers. The ATM protocol (designed for one-way, high bandwidth, real-time telecommunications) is used to transport information between the diodes and to achieve highly reliable, low latency data transfers.

Product Line Benefits

Most customers select from one of our "all-in-one" appliance solutions: the OPDS-100, OPDS-100D, or OPDS-1000. These products differentiate Owl as leading edge in the marketplace and offer the following benefits:

- *Single box solution*
- *Multiple form factors to choose from (1U 19" rackmount, DIN Rail)*
- *Range of bandwidths to select from (10Mbps – 1Gbps)*
- *Simultaneous transfer of multiple data flows (Historians, video, alarms, OPC, Modbus, etc.)*
- *Simultaneous transfer of multiple protocols (TCP/IP, UDP, files, etc.)*
- *Built in transport layer protocols (email, TCP/IP, UDP (Unicast, Multicast, Broadcast), Syslog, SNMP)*
- *Preconfigured data channels ready to receive and transfer data (5 UDP, 5 TCP, 5 files, 5 FTP)*
- *Simple installation allows customers to install product themselves*

Variable Bandwidth Licensing

Variable bandwidth licensing is unique to Owl and allows customers to upgrade the bandwidth of their Owl products through a simple software update. Available on the OPDS-100, OPDS-100D, and OPDS-1000, this license-based model provides our customers an upgrade path to easily upgrade throughput to meet changing requirements. Start with a bandwidth license that meets today's needs knowing that your platform can expand to meet future needs as they arise.

Bandwidth License Tiers

Each product offers a range of bandwidth tiers that customers can select from. Unless you are certain future needs won't outpace the maximum bandwidth of a specific product, Owl recommends investing in a platform that offers room to grow through the use of a bandwidth license. Users select a bandwidth tier that meets today's needs, and they are then able to incrementally increase bandwidth from one tier to the next as required.

OPDS-100D
- *10 Mbps*
- *26 Mbps*
- *52 Mbps*
- *104 Mbps*

OPDS-100
- *10 Mbps*
- *26 Mbps*
- *52 Mbps*
- *104 Mbps*

OPDS-1000
- *104 Mbps*
- *155 Mbps*
- *300 Mbps*
- *600 Mbps*
- *1 Gbps*

Best Return on Investment (ROI) in the Market

Single box:
Simpler to manage and administer over the lifespan of the product reducing operating expenses year after year

Scalable Performance:
Easily meet increased bandwidth requirements up to 10x without the need for new equipment or for changes to the configuration of the system

Increased Longevity:
Utilize the same Owl product for a much longer duration, exceeding normal 2-3 year IT refresh cycles by up to 5 times

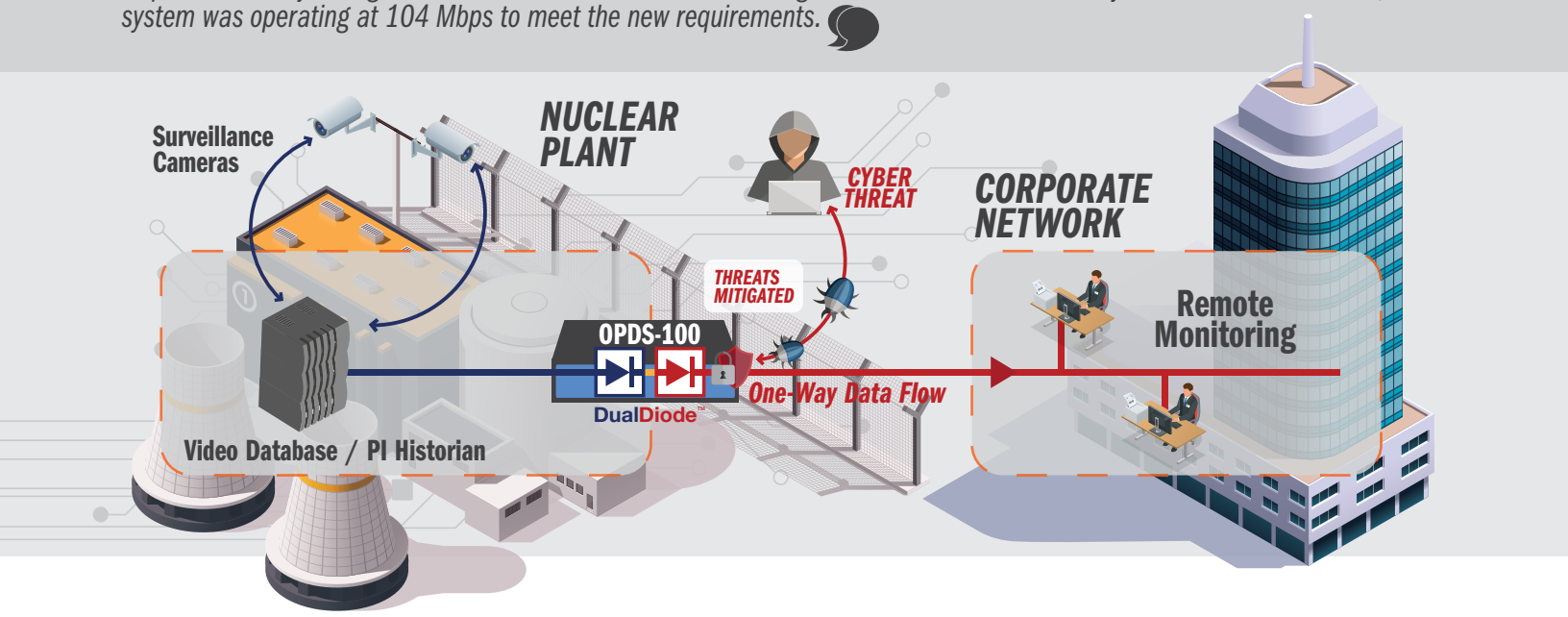
Lower Entry Price Point:
Lower your capital expenditures and buy only the license you need, with an option to upgrade at any time

Future Proofing:
Address new regulations, consolidate data flows, or add new protocols and data types

USE CASE:

Increase Bandwidth License

Power generation facility was utilizing an OPDS-100 at 26 Mbps to secure their operational technology (OT) network and enable remote monitoring of their PI System historian data at their central monitoring facility. To increase physical security, the facility also wanted to enable remote monitoring of the closed circuit video surveillance around the plant 24/7. In addition to a new data type, this also created a dramatic increase in bandwidth requirements. The Owl service team provided a new license key and helped the facility configure the OPDS-100 to transfer streaming video in addition to the PI System data. Within hours, the new system was operating at 104 Mbps to meet the new requirements.



About Owl

For over 16 years, Owl Computing Technologies has been implementing next generation cybersecurity solutions for critical networks. Owl's DualDiode Technology®, a proprietary data diode, boasts 24 technology patents and has over 2,000 successful deployments globally across intelligence, government, military, financial services, utility, energy, and other critical infrastructure networks. Owl's hardware-enforced technology ensures secure networks and enables the reliable and robust transfer of all data types and file sizes.

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