

HTTP

HyperText Transfer Protocol

for Owl Perimeter Defense Solution (OPDS)

KEY FEATURES

- Compatible with OPDS Talon Versions 2.0.1.0, 2.0.1.3, and 2.0.2.0
- One-way HTTP data transfer
- Secure protocol break between Source and Destination networks
- Menu-based system administration and configuration
- Supports “Put” and “Post” HTTP commands
- HTTP log file export for rapid troubleshooting

COMPATIBLE OPDS HARDWARE:

- OPDS-100
- OPDS-100D
- OPDS-1000
- OPDS-MP
- EPDS hardware

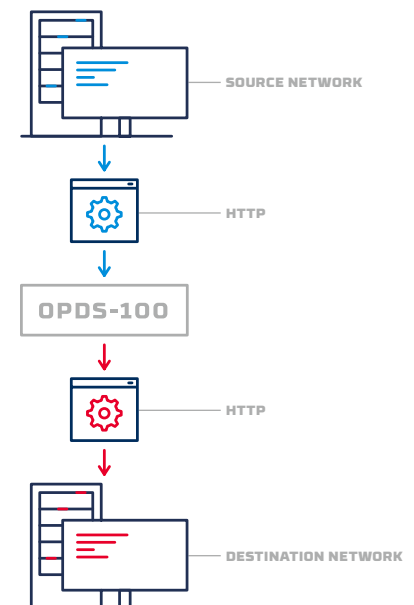
Secure One-Way HTTP Transfers Using Protocol Breaks

Owl Cyber Defense (Owl) specializes in data diode hardware technology that allows for secure, one-way data transfer while providing absolute network segmentation, assuring network security against malware and control system override, and other threats. Owl offers a HyperText Transfer Protocol (HTTP) software interface for the OPDS platform that proxies HTTP requests for secure transfer across the OPDS one-way path.

The Owl HTTP connector provides an interface point between the diode and the applications running on the networks that the software platform connects to.

How It Works

- 1 The software acts as a data exchange protocol, pushing files or data across an OPDS using “Put” and “Post” commands
- 2 These commands allow an application to submit a file for transfer to the HTTP proxy, running on the Source server
- 3 After receiving the transfer request, the software prepares the file for transfer across the OPDS
- 4 Once the file is transferred, the HTTP application running on the Destination side of the Owl data diode receives the file
- 5 File is prepared for delivery and is sent to its final destination



WARRANTY & SUPPORT

- Includes ninety (90) days of Owl Software Technical Services (Hotline Service & Support, Software Updates)
- Annual maintenance and monthly maintenance available. Contact our Sales department for pricing.

OPDS Vendor, Application, and Protocol Support

OPDS products allow users to streamline their operations by supporting a variety of vendors, applications, data formats, and protocols to send data securely.

VENDORS

- ABB
- Cisco
- Dell
- General Electric
- Honeywell
- IBM
- Industrial Defender
- McAfee
- Mitsubishi
- PAS Alarm Company
- Rockwell Automation
- Rockwell Collins
- Rolls Royce
- Schneider Electric
- Scientech
- Siemens
- Stratus
- Symantec
- Tripwire

APPLICATIONS

- FoxGuard Patch Management
- GE Historian
- GE OSM Support
- PAS Alarm Management
- Schneider RemoteWatch
- Schneider Wonderware eDNA Historian
- Schneider Wonderware Historian
- Scientech R*Time
- OSIsoft PI Historian
- Rockwell Automation
 - RSLinx Classic
 - FactoryTalk Gateway
 - FactoryTalk – Historian
- Rolls Royce PMS

INCLUDED PROTOCOLS :

- Email (SMTP)
- FTP
- Remote File Transfer
- SNMP Traps
- Syslog Transfer
- TCP Transfers
- UDP Unicast
- UDP Multicast
- UDP Broadcast

OPTIONAL PROTOCOLS

- DNP3
- HTTP
- ICCP
- IEC-104 Monitoring
- IEC-104 Control
- Modbus
- OPC A&E
- OPC DA
- OPC UA
- Remote HMI Screen Replication
- SQL Database Replication
- SFTP

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