Owl Talon

Frequently Asked Questions

What is Owl Talon?

Owl Talon is the next generation of Owl's data diode solutions. Owl Talon is a fully packaged solution made up of three components: the Talon 3 software, the Talon Data Diode Card, and your choice of a COTS hardware platform. Owl Talon is easier to configure than ever before with an all-new user interface and has flexible deployment options. Learn more **here.**

What existing hardware platforms support the Talon 3 software?

The following platforms support the Talon 3 software and can be upgraded:

*   OPDS-1000 (purchased after September 2020)
*   XD Prism MPP 200 (purchased after September 2020

Talon 3 is not supported on the following platforms and a hardware refresh is needed.

*   OPDS-100
*   OPDS-100D
*   OPDS-1000 (purchased before September 2020)
*   XD Prism MPP 200 (purchased before September 2020)
*   ReCon

How do I know if my current hardware is upgradeable to the Talon 3 software?

If you purchased an OPDS-1000 or XD Prism MPP 200 after September 2020, you are likely eligible for an upgrade. If you have any other OPDS hardware platform, you will need to refresh your hardware to one of our new COTS hardware platforms. Please contact us **here** if you are interested in an upgrade or refresh.

If I have upgradeable hardware, how do I upgrade to the Talon 3 software?

Our team is excited about your transition to the Talon 3 software! Please contact your Owl sales rep or contact us by filling out the form here:

https://owlcyberdefense.com/talon3/#form to request an upgrade.

What sort of migration program is available to move to the newer Owl Talon platforms?

Our team is ready to help facilitate the best migration plan for your use cases. Please speak with your Owl sales rep for refresh program details or contact us by filling out the form here:

https://owlcyberdefense.com/talon3/#form

Are my current Owl devices that are not running the Talon 3 software vulnerable or at risk?

Don't panic! Your current devices will still operate and provide hardware-enforced network separation. However, our ability to address newly identified vulnerabilities in older RHEL releases is limited by the scope of Red Hat's support. For example, the CPUs on the OPDS-100 and ReCon appliances are no longer supported on Red Hat's recent RHEL releases. Please contact your sales rep about a migration plan to move to the latest Owl Talon solution or fill out the form here:

https://owlcyberdefense.com/talon3/#form

How can the single Talon Data Diode Card achieve physical separation?

The Talon Data Diode Card contains a hardware-based, FPGA protocol filtering diode and a System-on-a-Module with a processor. Once it is installed on a compliant PC platform, the host PC processor acts as the source server and the SOM processor acts as the source server and the host PC processor acts as the destination server, with digital isolation in between.

What are the bidirectional capabilities currently available for Talon?

The Owl Talon bidirectional features support Remote Desktop Protocol (RDP). Bidirectional TCP and other command and control features will come with subsequent releases. Some of the use cases supported by bidirectional RDP and TCP are:

*   Communication between client and server
*   Remote access
*   Remote command and control
*   Remote monitoring
*   Safety system isolation

What ports will be available for the Talon Data Diode PCIe card? Ethernet or FO? Will there be an option for Ethernet as IN-port and FO as OUT-port or vice versa?

Both copper and fiber port options will be available and will depend on the hardware platform you choose.

Does the Talon Data Diode Card have separate power or is it just powered by the PCIe bus?

The Talon Data Diode Card is powered via the PCIe bus.

Can you please provide the roadmap of Owl Talon software releases, in terms of what protocols and features will be added in new releases?

We are committed to providing regular releases and encourage you to attend our upcoming webinar for roadmap updates.

You can register at: **https://owlcyberdefense.com/webinar/owl-talonthe-vision-optimized.** We will also continue to communicate upcoming features in future announcements.