

Owl Talon™

Frequently Asked Questions

What is Owl Talon?

Owl Talon is the next generation of Owl's data diodes – a fully packaged solution made up of three components: the Owl Talon 3 software, the Owl data diode module (card), and a COTS or Owl hardware platform. Owl Talon is more secure, easier to configure than ever before with an all-new user interface, and has flexible deployment options for a wide variety of use cases. Learn more [here](#).

Which existing hardware platforms support the Talon 3 software?

The following hardware platforms are capable of supporting Talon 3 software and can be directly upgraded:

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

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

- 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, your hardware is compatible for an upgrade to Talon 3. If you have any other OPDS hardware platform, you will need to refresh your hardware. Please contact us [here](#) for more information or to request an upgrade or refresh.

If I have upgradeable hardware, how do I request an 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/>

Is there a migration program 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 reach out to your Owl sales rep for program details or contact us by filling out the form here:

<https://owlcyberdefense.com/talon3/>

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

Don't panic! Your current devices are secure and provide hardware-enforced network separation. However, our ability to address any 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/>

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 destination server, with a digital isolation in between..

What are the bidirectional capabilities planned for Talon in the future?

The Owl Talon bidirectional features will support Remote Desktop Protocol (RDP) and TCP in 2025. 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 Fiber? Will there be an option for Ethernet as IN-port and Fiber as OUT-port or vice versa?

Both copper and fiber optic 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 slot?

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

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 quarterly releases and have been successful with that cadence. Please refer to the slides that were shared in our webinar for the latest roadmap of Owl Talon features. You can watch the webinar on-demand here: <https://owlcyberdefense.com/webinar/talon-3-the-evolution-continues/> We will continue to communicate upcoming features in future announcements.

