

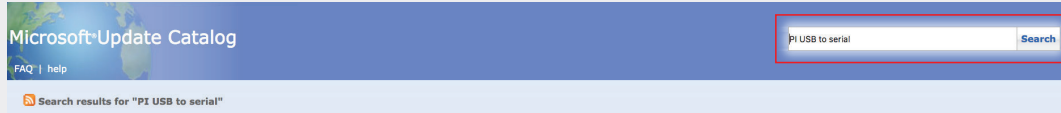
## 9. Connect using the console

The console terminal is pre-configured to communicate with the HSM via the USB-C to USB-A cable.

- Use the supplied USB-C to USB-A cable to connect the USB-C port on the front of the payShield 10K to your laptop

**NOTE: If your laptop has a USB-C port, instead of a USB-A port, you will need to order or provide a standard USB-C to USB-C cable.**

- For Windows, ensure that all Windows updates have been applied and the laptop is connected to the internet before connecting to the payShield. Upon connection, Windows will detect the new hardware and install the driver. The device will appear as a new COM port.
- If the laptop cannot be connected to the internet, the drivers are available for download and manual installation from the Microsoft Update Catalog: [www.catalog.update.microsoft.com/Search.aspx?q=PI%20USB%20to%20serial](http://www.catalog.update.microsoft.com/Search.aspx?q=PI%20USB%20to%20serial)



- Download the CAB file for the laptop operating system and extract the files into a folder
- Expand the "Other devices" section of the Device Manager and look for "Gadget Serial v2.4". Right click on that and select the option to install the driver. Choose the option to browse for the driver and select the folder from the previous step.
  - You may need to be signed in with an administrator account to install drivers
- Using a standard terminal emulation program, select the set up for serial terminal emulation and configure it as follows:
  - Baud Rate: 9600 bps
  - Word Length: 8 bits
  - Parity: None
  - Stop Bits: 1 bit

### Test the connection:

- Press the <Return> key on the console/laptop keyboard

The HSM should respond by displaying "Online>", "Offline>", or "Secure>" based on the position of the keys.

The appearance of this prompt indicates that the correct communications between the console and the HSM have been established, but that no command has been entered.

## 10. Connect cables for payShield Manager

payShield Manager provides a secure GUI interface with an authenticated, encrypted connection allowing a full remote or local management of the payShield 10K.

Remote payShield Manager requires an Ethernet cable from the Management Port into your network.

If you are not using DHCP, then you may need to use the console to set up the static IP address for payShield Manager.  
(See the *payShield 10K Manager Quick Start Guide*.)

## 11. Configure payShield Manager

- Follow the instructions provided in the payShield Manager Quick Start Guide to complete the configuration of payShield Manager

## 12. Configuring the host ports

Depending upon the configuration connection required between the Host and the payShield 10K, you may require additional information from your Network or Systems Support Group in order to complete this step.

- Using either the console or payShield Manager, configure the Host ports to suit your system requirements

The parameters you need to enter will vary, depending upon the type of communications to be used.

### Test the connection:

- The way in which you do this will vary, depending upon your system configuration; for example: Ethernet environment – issue a PING command (both from the payShield 10K to the Host, and from the Host to the payShield 10K)

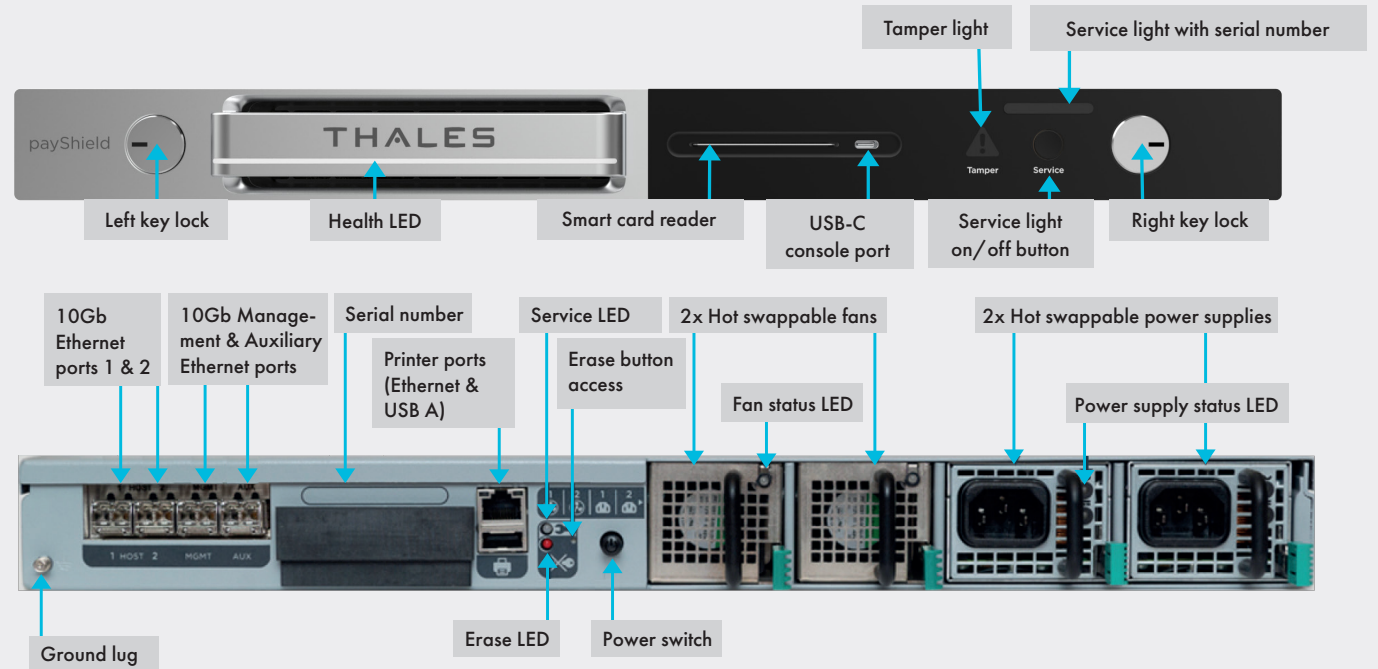


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## Device Overview



## User Documentation

The payShield 10K user manuals are available for download from the Thales CPL support website:

<https://supportportal.thalesgroup.com/csm>

## 1. Assure Safety

- Before installing, and using this product, please read the Warnings and Cautions in the following document:  
payShield 10K Regulatory User Warnings & Cautions

## 2. Unpack

### Remove from packaging:

- Remove the Accessories box
- Remove the payShield 10K from the packaging, checking that the tamper evident bag containing the unit is not tampered
- Check that the serial number on the tamper evident bag matches that supplied by email or shipment confirmation by Thales

### Remove the accessories from the Accessories box.

### Verify the contents:

- payShield 10K PS10-D Host Security Module
- HSM Rail Kit
- 2 AC power cables
- 4 Security keys in tamper evident bags (2 copies - 4 total keys)
- USB-C to USB-A cable (for console connectivity)
- payShield 10K Regulatory User Warnings & Cautions document
- payShield 10K PS 10-D Installation Quick Start Guide (this document)
- payShield Manager Quick Start Guide
- 4 SFP Transceivers, either Optical or Copper (ordered separately)

### Carry out the following checks:

- Check that the tamper evident bag containing the keys is not tampered and the serial number matches that supplied by email or shipment confirmation by Thales
- Locate the serial number on the key tag and verify that it matches the serial number on the unit

2 cables



4 security keys



4 transeivers



USB-C to USB-A cable



