

XPERTrak™ HCU-200 Upgrade Guide


This Application Note provides information on upgrading HCU200 via XPERTrak.

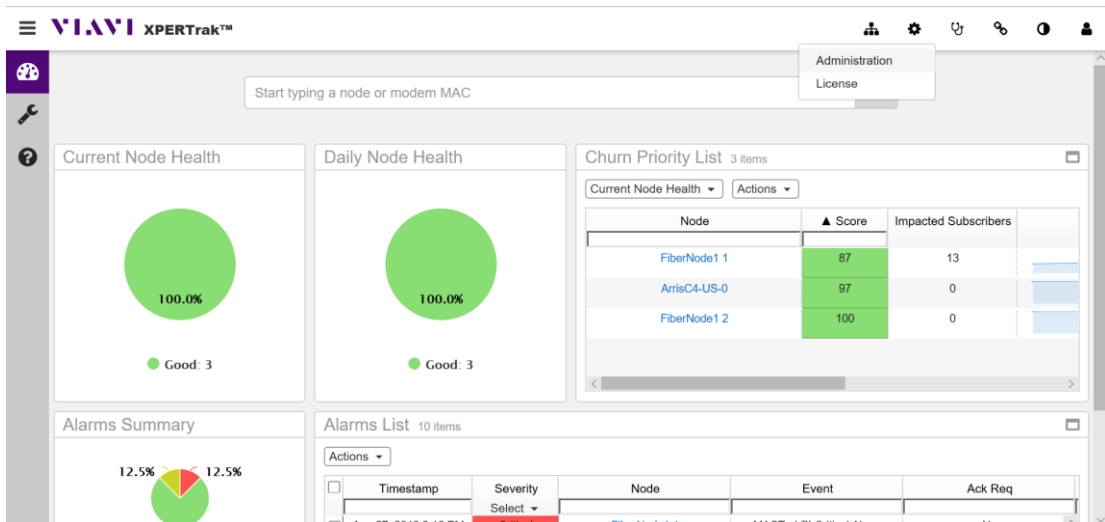
Assumptions

Make sure the following items are met.

- XPERTrak can access the Viavi firmware download page¹
- Firewall ports are open between XPERTrak and HCU200
- HCU-200 has been added to XPERTrak

Instructions

1. Go to XPERTrak's "System Settings", from the dashboard's upper right corner click on  then "Administration".

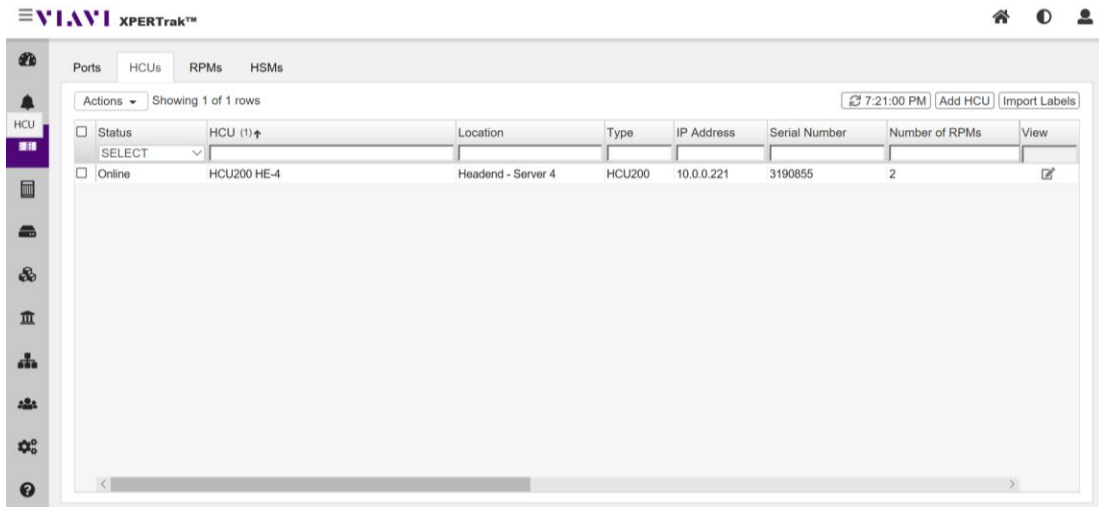


The screenshot displays the XPERTrak dashboard interface. At the top, there is a search bar with the placeholder text "Start typing a node or modem MAC". Below this, the dashboard is divided into several sections:

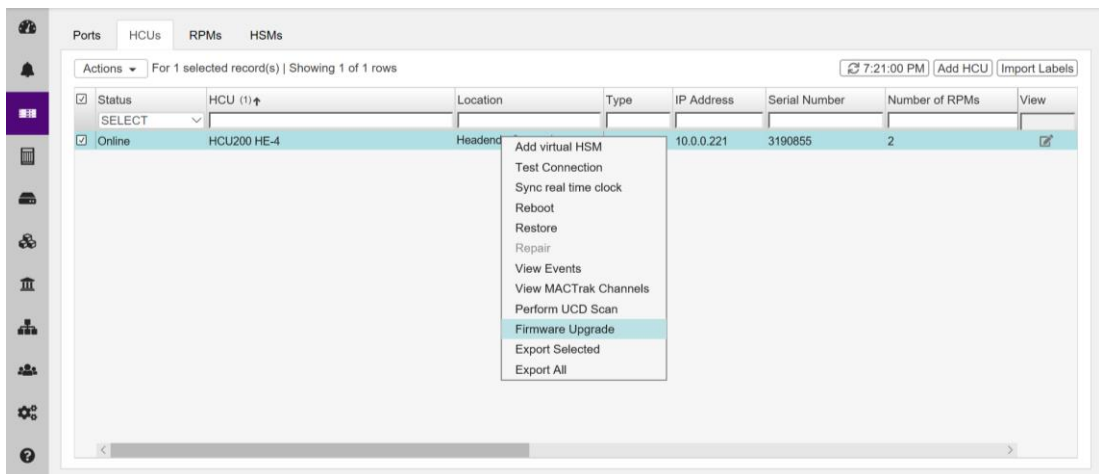
- Current Node Health:** A green circular gauge showing 100.0% health, with a legend indicating "Good: 3".
- Daily Node Health:** A green circular gauge showing 100.0% health, with a legend indicating "Good: 3".
- Churn Priority List:** A table with 3 items. The table has columns for Node, Score, and Impacted Subscribers.

Node	Score	Impacted Subscribers
FiberNode1 1	87	13
ArrisC4-US-0	97	0
FiberNode1 2	100	0
- Alarms Summary:** A pie chart showing 12.5% in red and 12.5% in yellow.
- Alarms List:** A table with 10 items. The table has columns for Timestamp, Severity, Node, Event, and Ack Req. The first row shows a "Critical" alarm for "FiberNode1 1" at "Aug 27, 2018 8:16 PM" with the event "MACTrak™ Critical Alarm".

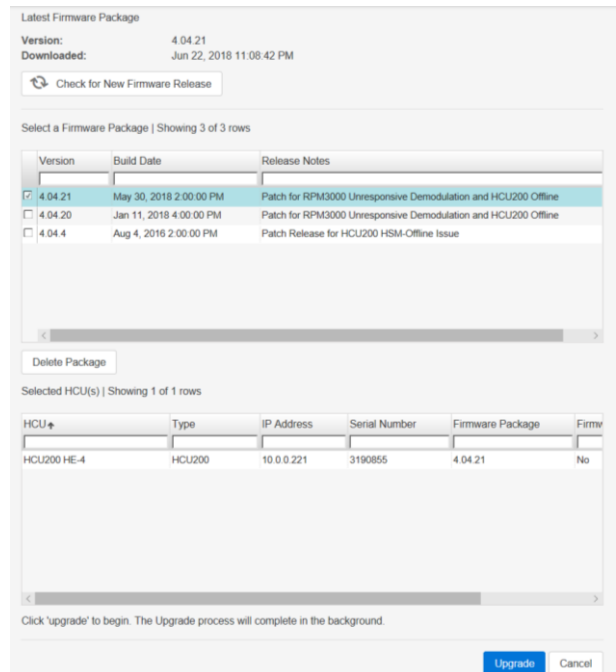
2. Click HCU from the left menu and select HCUs from the tab above (please see screenshot below).



3. Tick the box beside the HCU/s you wish to upgrade, then click "Actions" button above and select "Firmware Upgrade". This will open-up a popup window.



4. Click on “Check for New Firmware Release” button to check and download any new firmware in Viavi website. All downloaded firmware version will be listed in the table.



5. Select the firmware version you wish to upgrade to and click “Upgrade” button to begin.

NOTE¹: Select firmware version 4.04.XXX to support SFP to USB adapter.

NOTE²: The upgrade process will complete in the background. This will take a few minutes and automatically reboot the HCU.

6. Once the upgrade is finished, verify the firmware in the HCU page (please refer to step 3s screenshot).

7. Connect the “SFP to USB adapter” to the USB port at the back of the HCU-200. Then reboot the HCU unit to detect the adapter.

NOTE: Once rebooted, SFP adapter is automatically selected as the network interface for the HCU 200 over the RJ-45 port. (please refer to *Viavi’s HCU 200 SFP Option Installation Guide* for full details).

