

# SNE WebUI Firmware V14.2

## Release Notes



## SNE v14.2 Release

### Issues Resolved

- Fixed issue where “Bandwidth Limit” impairment would occasionally drop all traffic after map start.
- Fixed incorrect Min/Max data rates in Bandwidth Limit graph.
- Fixed issue with the browser running out of memory due to numerous graph nodes in the map.
- The FCS option in the Start Port node properties is disabled for physical ports where this feature is not supported. The user is informed that the FCS option is invalid for 25G ports and above.
- Fixed the error thrown when deleting a non-admin user.
- End User License Agreement (EULA) updated.

### 7.x Features not included in this release.

- Virtual Routing
- SNMP traps
- PTP synchronisation

### Firmware Upgrade Procedure

**Note: If you are upgrading from a version earlier than v13, new licenses need to be issued by your supplier. On upgrade your SNE will be non-operational until the new licenses are applied, so please contact Support prior to upgrading to avoid significant downtime.**

- Do not power off the SNE during the upgrade process
- Ensure that all maps are stopped
- Download the latest firmware pck
- Open a web browser.
- Navigate to the IP address of the SNE ([http://<ip\\_address>:8080](http://<ip_address>:8080)) to access the firmware upgrader\*
- Click on Select File
- Select the firmware file “sne-release-14.2.0.xx.pck”
- Click Update
- Once the unit completes the update and reboots, navigate to the IP address of the SNE ([http://<ip\\_address>](http://<ip_address>)) to access the new user interface

\*If upgrading from 7.x, the firmware upgrader is located at [http://<ip\\_address>](http://<ip_address>).

## Map Migration Procedure (7.x or earlier)

In SNE 10.0 or later, maps are now stored on the instrument. This enables them to be accessed from any location.

Any maps created in 7.x (or earlier) must be migrated before they can be used. This is achieved as follows:

- Upgrade the system to 7.x if running an earlier version.
- In the (7.x) GUI client, select the map to migrate from the “Device / Map navigation” panel.
- Right click and select “Save map to disk”
- In the “Save As” dialog, select an appropriate location and name select “Save”.
- Open a browser and connect to the instrument (upgraded to 1x.x) at [http://<ip\\_address>](http://<ip_address>)
- Select “System” | “File Management”
- Select the “Map Files” tab
- Select “Upload files”
- In the “Upload file” dialog browse to the location where the map file was previously saved, select the file, and then select Open.
- On successful import, the map will appear in the “User Maps” list in Maps.
- If any warnings or errors occur during the import a conversion report will be displayed containing any relevant information.
- Notes:
  - GUI maps containing unsupported functionality will not be imported.
  - Maps must be exported from GUI client 7.x. Earlier clients are not supported

## Known Issues

1. Packet Reorder by distance does not reorder the correct number of packets when the packet rate is lower than 1,000,000 packets per second.
2. Jitter Impairment reports incorrect packet utilisation.
3. Downgrading from 1x.x back to 7.x does not report the upgrade has taken place and finished successfully.