



## Software Version 12.1.27: Release Notes

Orolia released a software update for EdgeSync. Customers can download this software update at no charge from the Orolia website. This software update will upgrade the unit's system software to **Version 12.1.27ORv1**.

This update provides added benefits through new features, enhancements to existing functionality, as well as software fixes and security updates, as described in this document.

For your convenience, older legacy releases are also described in this document.

## Table of Contents

|  |   |
|--|---|
| Table of Contents.....                               | 2 |
| Version 12.1.27ORv1 .....                            | 3 |
| Which SW version is installed on my SecureSync?..... | 5 |
| How to download and install the new SW.....          | 6 |
| How to contact Technical Support .....               | 7 |

## Version 12.1.27ORv1

### Newly released features

- Added support for SNTP for broadcast and mixed mode; added configurable bcast TTL.

### Enhancements and fixes

*The following defects were corrected, and improvements applied to existing features and functions:*

- Fixed instability issue with Galileo selection. Workaround not needed anymore.
- Restore Default Configuration now includes SNMP configuration.
- The Time Source correctly reflects HAND SET state when ToD is manually set from CLI.
- More validation checks of the Home page configuration have been added.
- The targetPortIdentity fields in the contract request TLV can be all 1's or use the correct clockIdentity and portNumber.

### Known Issues and Known Limitations

- EdgeSync Web UI has been verified on the following browsers:
  - Google Chrome version 56.0.x, 58
  - Chrome App (iOS)
  - Safari (iOS)
  - Firefox 51.0.1
  - Internet Explorer 11
  - Microsoft Edge 44.18362.449.0

NOTE: On rare occasions, when doing upgrade or reboot if the browser tries to connect before reboot is complete, a benign browser security warning may be seen. To work around this, one of the following methods can be tried:

- Try logging in after 3-4 minutes to ensure that initialization has been completed.
  - Try explicitly typing "http://xxx.xxx.xxx.xxx" or "https://xxx.xxx.xxx.xxx" in the URL.
  - Clear the browser cache history (for the last hour or 24 hours) and retry.
- On the serial console (Craft port) on some occasions, strange characters may appear with the login prompt and user would not be able to enter the login credentials.  
Work around: Wait for a few seconds for the login prompt to re-appear before entering the login credentials.
- On a Chrome browser, on rare occasions it might fail to connect to the EdgeSync webserver. This happens after a software upgrade on EdgeSync and following reboot. Although the IP and other network parameters are still the same, the browser may not be able to connect as previous session was not torn down and replaced with a new one. The work around is wait for 30 minutes or clear the cache on the browser or use a different browser (Firefox, Edge, etc.) for the interim.

- For G.8275.1 and G.8275.2, additional profile parameters under PTP:Clock webpage are as shown as common for both ports. The Master Only and Clock Local Priority are per port basis and whatever the user configures is applied to both ports. These two parameters will be separated on a per-port basis in a future release.

## Which SW version is installed on my SecureSync?

*To determine the software version currently installed on your unit:*

1. Login to the unit's Web UI
2. Navigate to the **System** tab in the main menu. The top of the screen displays the current version number under Software Version:

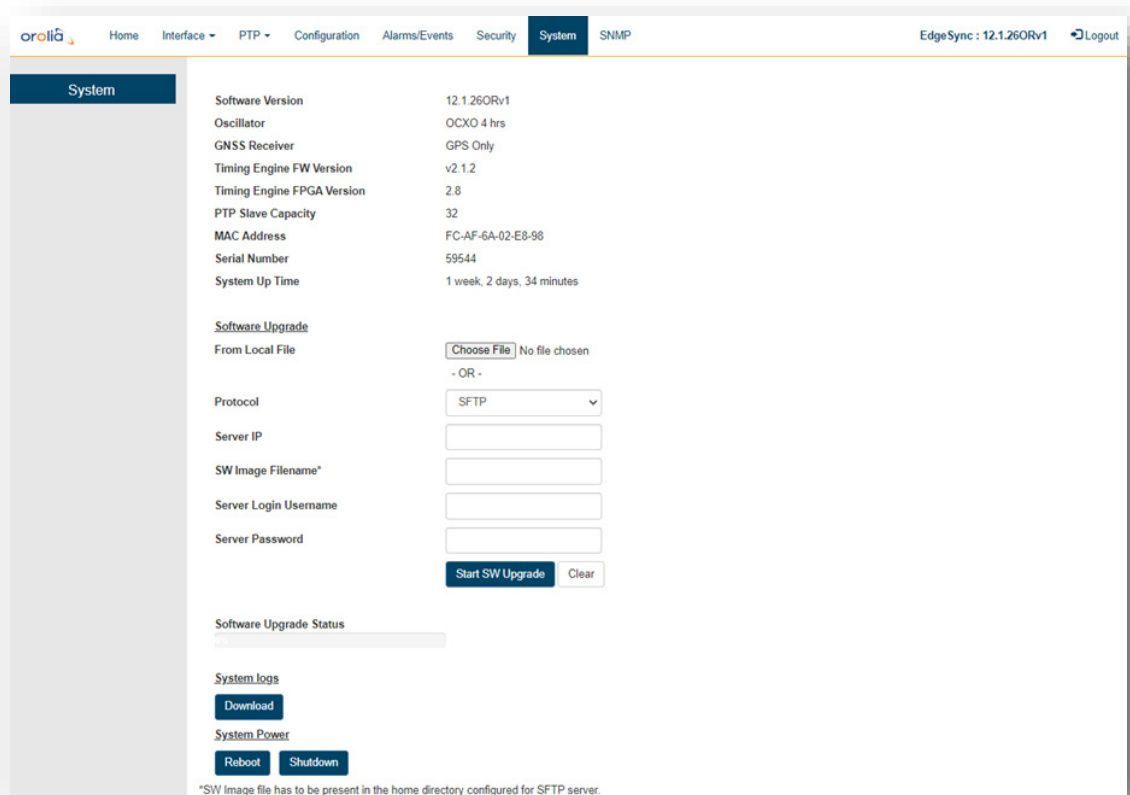


Figure 1: Software revision reported under the **System** tab.

## How to download and install the new SW

### *Installing the Software Update*

To upgrade the software installed on your unit, download the latest version from the Orolia website: [files.orolia.com/public-downloads/latest-edgesync-files](https://files.orolia.com/public-downloads/latest-edgesync-files)

Log on to the Web UI and navigate to the **System** tab.

Click the **Choose File** button and select the upgrade file location (or select your desired file transfer option); click **Start SW Upgrade**.

The upgrade will begin immediately. The unit will reboot during this process; it will be necessary to begin a new Web UI session.

*For more information on this process or any other feature or function of the EdgeSync, refer to the main user manual.*

## How to contact Technical Support

Should you have any questions or comments regarding any of the above-mentioned features or fixes, please contact Technical Support:

<https://www.orolia.com/support/>

*- End of document -*