# OpenWay® Riva Routing Node – Mesh Node Base Firmware > v4.5.434 (SP3)

# Release Description

OpenWay® Riva is the next generation IoT Solution for Smart Utilities and Cities. OpenWay Riva is a significant leap forward in technology built upon Itron's existing OpenWay Cisco® IPv6 network. We have added a powerful distributed computing platform for accelerating innovation quickly and securely. Itron and our technology partners are working with global utilities and municipalities to develop and validate use cases that leverage these new capabilities to make real-time operational decisions at the edge of the network, enabling the active grid or active network. An active network drives measurable and valuable business outcomes.

This OpenWay Riva firmware Service Pack addresses issues in GSR 4.5. The changes are being released as a Service Pack to Global System Release 4.5. The Service Pack provides a differential upgrade to move the OpenWay Riva Routing Node – Mesh Node Base firmware to version 4.5.434. The following hardware and firmware versions are supported under this release.

| Hardware | Starting Firware Version | Final Firware Version | Firmware Set Part Number | Over the Air (OTA) Firmware Part Number |
|---|---|---|---|---|
| OpenWay Riva Mesh Node Base | 4.1.46 | 4.5.434 | 428921-008 | PSD0000005408 REV 4 |
| | 4.5.387 | | | PSD0000005408 REV 5 |
| | 4.5.398 | | | PSD0000005408 REV 6 |

Contact Itron Customer Support at (877) 487-6602 or **_support@itron.com_** prior to applying system upgrades or modifications. To ensure proper system performance and compliance with software license and support agreements, avoid applying unapproved third-party service packs or program temporary fixes (PTFs).

# Purpose

This document describes the resolved and known issues in this set of electricity meter firmware for the meters listed above.

# Resolved Issues

| Reference Number | Description |
|---|---|
| 1653935<br>1653936<br>1653938<br>1656653<br>1656663 | **Issue:** Based on existing field experience, Nodes may intermittently be dropped from the network and have difficulty rejoining.<br>**Resolution:** This issue has been resolved in the GSR 4.5 SP3 release. |