

Software Release Note

Vocality Gateway Suite 7.2.0

Date of software release: 09 May 2023
Release Note date: 27 May 2023
Release Note version: 1.2
Release Identification: 7.2.0-69db8c025

Purpose of Release

This release enhances the MCPTT implementation to support the TELUS network in addition to AT&T Firstnet.

This release note details changes since RoIP release 7.1.4.

Document History

<u>Version</u>	<u>Date</u>	<u>Details</u>
1.0	09 May 2023	Initial Draft

Hardware Affected

This release is targeted to all versions of Cubic's RoIP, M3X RoIP and M3-SE-MFGW.

Pre-Requisites

This release should only be installed on Cubic's RoIP products currently running release 4.17.2 and later.

For earlier releases, please use the [Software Portal](#) to upgrade to 4.17.2 first.

Upgrade Instructions from Releases Prior to 7.1.2

Before starting the upgrade to 7.2.0, please check whether you are connected to the device via an IP address or the admin.vocality.com DNS name. If the latter, please follow these instructions before performing the upgrade.

The admin.vocality.com domain name was removed in release 7.1.2, so you will need to access the device via its LAN IP address after the upgrade, instead of admin.vocality.com. Therefore before upgrading, take careful note of the LAN IP Addresses for the RoIP.



It's prudent to have a backup of the RoIP configuration. This can be done in Platform->Config Files.

Once you have completed the upgrade:-

- Open a new browser tab/window.
- Enter the IP address of the RoIP to connect to the user interface.
- Accept the browser security warning.
- You should now have 7.2.0 installed on the RoIP.

AT&T Users

Please ensure any upgrade from a release prior to 7.1.2 is performed online. If you need to do an offline upgrade, please contact a member of the Cubic support staff for assistance.

Key Features and Enhancements

MCPTT Enhancements

MCPTT support has been added for the TELUS network, in addition to FirstNet. As part of this work, the MCPTT implementation has been re-factored.

- The MCPTT Configuration Network field on the UI should now be configured to FirstNet or TELUS to select which network is being used.
 - Note that the FirstNet MCPTT implementation will only use the LTE interface.
 - TELUS MCPTT may use any WAN interface, and Failover is supported. It is not necessary to have an LTE connection to use TELUS MCPTT.
- More granularity has been added to MCPTT logging:
 - MCPTT call/floor statistics logging now has its own logging category.
 - Added MCPTT Port Manager logging.

Further Improvements

- COR state notifications added to the RESTful API.
- RoIP mute option now working correctly and no longer causes static on radio system.

Bug Fixes

- Incorrect labelling of Ethernet ports on Home page of UI is corrected.
- Resolved issue starting registry server.
- Fixed issue where Wi-Fi network connect button is incorrectly greyed out after failed connection attempt.
- Ensure Wi-Fi pass phrase field is not shown for an open access point.
- Improvements to log rotation, to label rotated log files numerically instead of by date, to prevent issues when the unit doesn't have access to an NTP server.
- Stability fixes to online upgrade.

MCPTT bug fixes

- Under some error conditions, following MCPTT SIP Registration timeout on FirstNet, incorrect SUBSCRIBE messages may be sent. This has been resolved.
- When logging out of MCPTT on FirstNet, an error message was being received in reply to the transmitted PUBLISH.

Component Version Numbers

Changes highlighted.

- [vocality_api-2.1.1](#)
- [vocality_database-1.3.0](#)
- [vocality_dispatch-1.5.0](#)
- [vocality_filesystem-1.1.0](#)
- [vocality_mcpttgateway-2.0.0](#)
- [vocality_modemupgrade-1.2.4](#)
- [vocality_multibearer-3.4.1](#)
- [vocality_nodemanager-4.16.7](#)
- [vocality_nodeui-4.18.4](#)
- [vocality_password-1.1.0](#)
- [vocality_picfirmware-1.1.0](#)
- [vocality_radiogateway-4.7.0](#)
- [vocality_registry-3.3.0](#)
- [vocality_registryclient-3.3.0](#)
- [vocality_release-7.2.0](#)
- [vocality_secure-4.2.2](#)
- [vocality_serial-3.2.0](#)
- [vocality_utils-2.2.2](#)

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