

Software Release Note

Vocality Gateway Suite 8.4.3

Date of software release: 26th June 2025
Release Note date: 26th June 2025
Release Note version: 1.0
Release Identification: 8.4.3-918946bb5

Purpose of Release

The key purpose of the release is to fix an issue preventing use of more than 7 RallyTac Talk Groups. It also reverts a change made in 8.4.0 which could result in intermittent audio quality affecting received audio from the donor radio.

Document History

<u>Version</u>	<u>Date</u>	<u>Details</u>
1.0	26th June 2025	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

This software release will only upgrade from the 8.2.2 release, or later, due to a change in the image encryption.

Important Notes

Bug Fixes

- It was not previously possible to use more than 7 RallyTac Talk Groups, regardless of the fact the user was licensed for more. This is now resolved.
- A change was made in 8.4.0 to only listen to audio ports if they are configured to be in a Talk Group. Although this improved CPU usage, there could be intermittent problems with audio received from the donor radio, either loss of audio or a reduction in audio quality. This change has therefore been reverted. Please note it did not affect audio to the donor radio.
- As of 8.4.0 the Audio Port input volume check didn't work if the port was not configured to be in a Talk Group. This has been fixed.
- Improvements made to hanging up SIP calls. This is to fix an edge case issue where the RoIP would stop responding after trying to hang up a timed out SIP call.

Component Version Numbers

Changes highlighted.

- vocality_api-2.2.2
- vocality_database-1.3.0
- vocality_dispatch-1.6.0
- vocality_filesystem-1.1.1
- vocality_mcpttgateway-2.0.2
- vocality_modemupgrade-1.2.8
- vocality_multibearer-3.4.2
- vocality_nodemanager-4.17.5
- vocality_nodeui-4.19.2
- vocality_password-1.1.2
- vocality_picfirmware-1.1.0
- **vocality_radiogateway-5.0.5**
- vocality_registry-3.4.0
- vocality_registryclient-3.4.0
- **vocality_release-8.4.3**
- vocality_secure-4.2.3
- vocality_serial-3.2.1
- vocality_utils-2.2.3

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