

Software Release Note

Vocality Gateway Suite 8.0.0

Date of software release: 05 October 2023
Release Note date: 05 October 2023
Release Note version: 1.0
Release Identification: 8.0.0-2be2a9e02

Purpose of Release

The major version change reflects updates to the kernel version and underlying open source packages for improved functionality / security vulnerability patches.

Release also contains improvements to SIP and VLAN features, as well as minor bugfixes.

Document History

| <u>Version</u> | <u>Date</u> | <u>Details</u> |
|----------------|-----------------|----------------|
| 1.0 | 05 October 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 8.0.0, 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 8.0.0 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.

Cellular Users

This release incorporates a modem reset on soft shutdown. The reset is to clear erroneous modem state which could be causing issues; it will not impact any cellular settings / configuration.

When applying the upgrade, the unit will automatically trigger an additional reboot to reset the modem. This will extend the upgrade time by ~60 seconds. The procedure is completely automatic.

This additional automatic reboot only applies when upgrading to this release, not to any future upgrades.

Key Features and Enhancements

- SIP source IP address can now automatically update e.g. when DHCP server assigns a new IP address.
 - Please note that to use this feature, the SIP configuration settings must be edited. Instead of selecting an explicit source IP address for the SIP account, there is now an option for “WAN” or “LAN”, which will ensure automatic updates whenever the WAN / LAN IP changes.
- VLAN functionality significantly improved.
- Registry HTTPS connections can now be used. Customer must upload their own certificates for securing the connection.
- Modem reset performed on soft shutdown.

Bug Fixes

- Fixed home page display issue deleting a talk group, where the talk group being deleted isn't the last one numerically.
- Ensured enabling/disabling audio ports now works in all scenarios.
- Fixed issues reauthenticating TELUS MCPTT after login details change.
- Fixed issues with SIP call not disconnecting after expiry of the call inactivity timer.
- Improved error messaging if an incorrect private key is uploaded.

Restful API changes

- Endpoint added for handling SIP configuration changes.

Security Fixes

- Open source packages updated or patched to resolve numerous security vulnerabilities (CVEs).
- Browser certificates updated.

Component Version Numbers

Changes highlighted.

- **vocality_api-2.2.0**
- **vocality_database-1.3.0**
- **vocality_dispatch-1.6.0**
- **vocality_filesystem-1.1.1**
- **vocality_mcpttgateway-2.0.1**
- **vocality_modemupgrade-1.2.5**
- **vocality_multibearer-3.4.2**
- **vocality_nodemanager-4.17.0**
- **vocality_nodeui-4.19.0**
- **vocality_password-1.1.1**
- **vocality_picfirmware-1.1.0**
- **vocality_radiogateway-4.7.1**
- **vocality_registry-3.4.0**
- **vocality_registryclient-3.4.0**
- **vocality_release-8.0.0**
- **vocality_secure-4.2.3**
- **vocality_serial-3.2.1**
- **vocality_utils-2.2.3**

© 2023 Cubic Corporation. All Rights Reserved.