

Software Release Note

Vocality Gateway Suite 9.1.0

Date of software release: 28 July 2026
Release Note date: 28 July 2026
Release Note version: 1.1
Release Identification: 9.1.0-6cebf3d6c5

Purpose of Release

The key purpose of the release is to deliver new MCPTT functionality for interoperability with AT&T FirstNet Fusion and Leonardo servers. The release also adds support for USB serial devices and SRTP streams (independent of Secure SIP).

Document History

<u>Version</u>	<u>Date</u>	<u>Details</u>
1.0	28 July 2026	Initial Draft

Hardware Affected

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

Vocality Product Portal

The Vocality Product Portal (VPP) provides authorized partners with exclusive content designed to help Vocality Partners with the best customer experience.

This portal is for approved Vocality Partners. If you are not an existing Vocality Partner, please visit [VPP Registration](#) and click 'Become a Partner'.

Pre-Requisites

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

DTECH Mission Solutions UK Limited, Unity, Building A, Watchmoor Park, Camberley GU15 3YL

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

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Upgrade Instructions

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

For more details on software updates, please see [VPP Software Update Overview](#)

New Features

USB Serial support

Support for removable USB Serial devices has been added. If multiple devices are being used, they can be connected to the RoIP via a USB hub.

Please note that if a RoIP Connect is being used, it must be connected to the RoIP directly and not via a USB hub. If you are connecting serial devices via a USB hub to a RoIP Connect, it must be a powered USB hub, otherwise there will be insufficient power for all serial devices to be useable.

New MCPTT solutions

This release includes a major revision of MCPTT. MCPTT now supports two Network/Server types. FirstNet (AT&T / Fusion) and Leonardo MCX Server. Full details and configuration instructions are available at [VPP MCPTT Overview](#)

Please note that any preexisting MCPTT Talk Groups will be deleted on upgrade to 9.1.0. This is because prior settings do not map to the new functionality.

Please also note that there is an End User Licence Agreement (EULA) that must be accepted when creating an MCPTT Talk Group. The UI will automatically guide you through this when creating an MCPTT Talk Group for the first time. There is also the option to accept the EULA on the License page of the UI. Acceptance is only required once, irrespective of how many MCPTT Talk Groups are subsequently created or deleted. It is required again after a factory reset. The EULA relates to software the RoIP uses for the MCPTT functionality and only applies to MCPTT Talk Groups.

SRTP Support

When adding a secure stream using the Talk Group Wizard, the Secure Streams Configuration page now allows the stream type to be set to SRTP.

In addition, two new cipher suites (AEAD_AES_128_GCM and AEAD_AES_256_GCM) have been added to the list of available encryption types. These also apply to Secure SIP.

Bug Fixes

- Fixed an edge case where a Wi-Fi network is incorrectly marked as connected when it is not and therefore there is no IP address for the interface.
- Improved reliability of connecting to and from Wi-Fi access points.

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- Previously a root certificate could not be reuploaded with the same name. It would need to be deleted and then readded. This is now resolved and will automatically override an existing certificate with the same name.

Known Issues

- When using removable USB to serial devices, configuration is not retained over a reboot. This will be resolved in 9.2.0.
- On occasion popups may not clear from the UI. They can be cleared via a page refresh. This is an intermittent issue which will be fixed in 9.2.0.

Security Updates

Fixed the following CVE's.

- <https://nvd.nist.gov/vuln/detail/CVE-2025-60876>
- <https://nvd.nist.gov/vuln/detail/CVE-2023-5678>
- <https://nvd.nist.gov/vuln/detail/CVE-2024-0727>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-68160>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-69418>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-69419>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-69420>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-69421>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-22795>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-22796>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-28387>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-28388>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-28389>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-28390>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-69720>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-35386>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-14524>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-1965>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-3783>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-3784>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-61143>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-61144>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-61145>
- <https://nvd.nist.gov/vuln/detail/CVE-2023-53673>
- <https://nvd.nist.gov/vuln/detail/CVE-2024-49950>
- <https://nvd.nist.gov/vuln/detail/CVE-2024-49960>
- <https://nvd.nist.gov/vuln/detail/CVE-2024-49989>
- <https://nvd.nist.gov/vuln/detail/CVE-2024-49996>
- <https://nvd.nist.gov/vuln/detail/CVE-2024-50055>

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- <https://nvd.nist.gov/vuln/detail/CVE-2025-40082>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-68358>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71089>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71220>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71222>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71232>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71233>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71235>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71236>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71237>
- <https://nvd.nist.gov/vuln/detail/CVE-2025-71238>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23111>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23112>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23169>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23190>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23193>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23198>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23202>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23206>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23209>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23216>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23221>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23222>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23228>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23229>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23234>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23235>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23236>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23237>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23238>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23256>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23257>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23258>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23262>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-23266>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-31687>
- <https://nvd.nist.gov/vuln/detail/CVE-2026-31688>

Component Version Numbers

Changes highlighted.

- **vocality_api-2.2.2**
- **vocality_database-1.3.0**

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- vocality_dispatch-1.6.0
- vocality_filesystem-1.1.1
- vocality_mcpttgateway-3.0.0
- vocality_modemupgrade-1.2.8
- vocality_multibearer-3.4.3
- vocality_nodemanager-4.18.2
- vocality_nodeui-5.1.0
- vocality_password-1.1.2
- vocality_picfirmware-1.1.0
- vocality_radiogateway-6.3.0
- vocality_registry-3.4.0
- vocality_registryclient-3.4.0
- vocality_release-9.1.0
- vocality_secure-4.2.3
- vocality_serial-3.3.0
- vocality_utils-3.0.0

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