



MOTOROLA SOLUTIONS

Motorola Solutions, Inc.

MOTOTRBO® System Release Notes
Professional Commercial Radios (PCR) & Accessories

Version: M2020.02.01

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North America Region

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Overview

This section details the known MOTOTRBO product issues which remain outstanding at the time of this release of software to the field.

Known product issues are divided into two categories:

- Known issues contained within the current release
- Resolved Issues that have now been fixed within the current release

Definitions

A known issue is a problem that is currently unresolved (open).

A closed or resolved issue is one that has been repaired and no longer should occur in the product after upgrading to the new product version.

The risk and workaround aspects are included in the release note description (Known Issues) for overall assessment of the problem.

What's new in the Release

Cybersecurity Update

Motorola Solutions, Inc. (MSI) has delivered a PCR MOTOTRBO 2020.02.01 release. MSI development and operations teams continually make security updates as needed based on evaluated threats, determine protective measures, create response capabilities, and promote compliance. MSI interacts with and participates in several US and international security organizations, such as U.S. Department of Homeland Security's National Cybersecurity & Communications Integration Center (NCCIC), National Institute of Standards and Technology (NIST), The 3rd Generation Partnership Project (3GPP), Telecommunications Industry Association (TIA), European Telecommunications Standards Institute (ETSI), Digital Mobile Radio (DMR) Security standardization, and others. Standards from the aforementioned organizations can map to security controls in international standards such as Information System Standards (ISO / IEC 27001).

Security updates are a regular part of the PCR MOTOTRBO release cadence. Based upon customer inquiries, we are highlighting that this MTR and XPR repeater M2020.02.01 release addresses the Ripple20 vulnerability, a highly publicized set of vulnerabilities in the Treck TCP/IP stack. The M2020.02.01 software update will be available only for Cypher and Bandit repeaters under a service agreement.

For repeaters that are running versions prior to M2020.01, an update will be available in Q1, 2021.

In addition to ongoing releases for security updates, MSI has a Bug Submission Program for external entities to disclose to MSI possible security vulnerabilities or issues. Motorola Solutions encourages researchers to use the PGP key when sending sensitive information via email. Please send all security vulnerability reports to security@motorolasolutions.com.

Product Versions

Listed below are all MOTOTRBO Product types with a reference to the released version of software:

| MOTOTRBO Product | Version Supported in Release |
|---|--|
| Repeater - XPR8400, XPR 8380 Repeater - MTR 3000 | R20.20.02.05 R20.20.02.05 |

Known Issues in Product Release

Infrastructure Impact

Issue Number: ENG_INFRA_PCR-7048
System/Product: Capacity Max
Description: A user will not be able to end hangtime after a Voice Interrupt Emergency Alarm Request on demand and will have to wait until it ends per the default timeout set in the system configuration.
Workarounds: The user needs to wait until the hangtime ends normally or can do a short Push-to-Talk, then hangtime will be cancelled.

Issue Number: ENG_INFRA_PCR-6536
System/Product: IP Site Connect
Description: A user is, in some circumstances, unable to immediately terminate a call initiated from the subscriber unit to the landline phone.
Workarounds: None.

Resolved Issues In Product Release

Resolved issues are the known product problems that were reported in product releases, but have now been fixed or closed.

| Defect ID | Release Introduced | Product | Headline |
|---------------------------|---------------------------|---|--|
| <i>ENG_INFRA_PCR-4119</i> | <i>MOTOTRBO2.9.0</i> | <i>All MTR and SLR repeaters</i> | <i>When a subscriber is keyed up near the end of hangtime, the call is dropped on the system (real time display) but the subscriber is still keyed C3: 27037598</i> |
| <i>ENG_INFRA_PCR-3142</i> | <i>MOTOTRBO2.6.0</i> | <i>MTR3000</i> | <i>SU registration failure C3:26982046 RFC: 27175276</i> |
| <i>DMGMT-27806</i> | <i>MOTOTRBO2.7.5</i> | <i>MTR 3000</i> | <i>When downgrading a MTR 3000 repeater with a valid Software Update Management license from D20.20.02.15 to R2020.02, the repeater experiences a software license validation failure.</i> |
| <i>ENG_INFRA_PCR-8296</i> | <i>M2020.02.01</i> | <i>MTR 3000, XPR8400, XPR8380</i> | <i>Repeater resets every six minutes.</i> |

Additional Info

External Training: PCT1071