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MOTOROLA SOLUTIONS TECHNICAL NOTIFICATION (MTN)

Title

Security Features update for G-Series products - OpenSSL version update to the LTS (Long Time Support) version 3.0.10.

Technology

ASTRO® 25

Severity Recommendation

Medium/Operational - Schedule to implement

Symptoms

This MTN announces security maintenance updates for G-Series products. Once executed, the OpenSSL version will be updated to the Long Time Support version 3.0.10.

Models / System Releases / Kits / Datecodes Affected

A2020.x, A2021.1, A2022.x

Name / SW version / System Release
GTR 8000 SiteRptr Base Radio / Version: SiteRptrBR_R09.02.021 & prior
GTR 8000 & GPW 8000 Simulcast BR / Version: MsBR_R09.02.021 & prior
GTR 8000/GTR 8000 Conventional Base Radio / Version: CONVBR_R09.02.033 & prior
GCP 8000 Conventional Site Controller / Version: CNVCD_R09.02.021 & prior
GCP 8000 Simulcast Site Controller / Version: SSC_R09.02.021 & prior
GCP 8000 Repeater Site Controller / Version: PSC_R09.02.031 & prior
GPB 8000 Reference Distribution Module / Version: RDM_R09.02.031 & prior
GCM 8000 Trunking Comparator / Version: CM_R09.02.025 & prior
GCM 8000 Conventional Comparator / Version: CvCM_R09.02.021 & prior
GRV 8000 Conventional Comparator / Version: GRV_R09.02.022 & prior
GPW 8000 Conventional Link Converter / Version: GSLC_R09.02.021 & prior

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When To Apply

During maintenance _X_

Information only _X_

Resolution And Repair Procedure

Upgrade to the appropriate version as listed in the "Software/Hardware Parts Required" section below, based on the model.

To obtain software:

1. Initiate a software request case through Motorola Solutions, Inc. Centralized Managed Support Operations (CMSO) - see contact numbers at <https://motorolasolutions.com/support> (for NA call directly: 800-MSI-HELP (800-674-4357) or 302-444-9800)
2. Await confirmation email from Motorola Solutions Software Factory (MSSF) with instructions
3. Complete the Motorola Solutions Software Factory Software Order Form:
 - Reference MTN-0024-24 in the 'Reason for Software/Hardware Change' section of the software order form.
 - List the part number (KC # as listed under "Software Parts Required" below) in the 'Part # or Version #' section of the software order form.
4. Email completed Software Order Form to MSSF for processing

Time To Implement/System Impact

Estimated time to implement - per machine:

- ASTRO Conventional products are upgraded individually: approximately 15 minutes for software transfer and less than 5 minutes to install.
- ASTRO Trunking products are upgraded together as a whole site: approximately 1 hour for software transfer and 5 minutes per channel to install.

High - Loss of functionalities/audio/downtime:

- ASTRO Conventional products are upgraded individually: less than 5 minutes of downtime during installation.
- ASTRO Trunking products are upgraded together as a whole site: less than 5 minutes of downtime for each channel (the site remains in wide trunking during the software installation).

Software Parts Required

System Releases: A2020.x, A2021.1, A2022.x

Name / SW version / System Release	Details / Part Number
GTR 8000 SiteRptr Base Radio / Version: SiteRptrBR_R09.02.041 or later	KC112C03L000090202 or later
GTR 8000 & GPW 8000 Simulcast BR / Version: MsBR_R09.02.041 or later	KC112C03K000090202 or later
GTR 8000/GTR 8000 Conventional Base Radio / Version: CONVBR_R09.02.041 or later	KC112C04W000200104 or later
GCP 8000 Conventional Site Controller / Version: CNVCD_R09.02.041 or later	KC112C03W000090203 or later
GCP 8000 Simulcast Site Controller / Version: SSC_R09.02.041 or later	KC112C01A000090202 or later

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GCP 8000 Repeater Site Controller / Version: PSC_R09.02.041 or later	KC112C029000090203 or later
GPB 8000 Reference Distribution Module / Version: RDM_R09.02.041 or later	KC112C056000090203 or later
GCM 8000 Trunking Comparator / Version: CM_R09.02.041 or later	KC112C04X000090204 or later
GCM 8000 Conventional Comparator / Version: CvCM_R09.02.041 or later	KC112C05AA00718008 or later
GRV 8000 Conventional Comparator / Version: GRV_R09.02.041 or later	KC112C06AA00200105 or later
GPW 8000 Conventional Link Converter / Version: GSLC_R09.02.041 or later	KC112C04WA00718008 or later

Additional Information

None

Reference The Following Documents/Processes For Installation Procedures

[Software Download Manager User Guide](#)

Labor Allowance

This is an informational bulletin. No labor warranty is implied, intended, or authorized

For assistance with this bulletin please contact your MSI Technical Support Centre at <https://motorolasolutions.com/support>

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