

DOCUMENT NUMBER:	<b>MTN-0118A-24</b>
ISSUE DATE:	<b>2024-09</b>

# MOTOROLA SOLUTIONS TECHNICAL NOTIFICATION (MTN)

## Title

Mitigate Configuration Manager (CM) log4j 1.x issue.

## Technology

ASTRO® 25 - K-Core

## Severity Recommendation

Medium/Operational - Schedule to implement

## Symptoms

The CM client software uses log4j version 1.2.17 which has a critical security vulnerability. This MTN announces an update to the CM to a version which uses log4j versions 2.17.1 and 2.23.1.

## Models / System Releases / Kits / Datecodes Affected

System Release	Name / SW version
A2021.1, A2022.1, A2022.HS, AN2024.1, AN2024.HS	CM-ASTRO-C-07.19.36.01-97 and prior

**NOTE:** CM-ASTRO-C-07.19.36.01-97 does not use log4j version 1.2.17 any longer but after upgrading to this version, one log4j-1.2.13.jar file is still present on the system. This library is no longer used by this specific CM version (therefore this specific CM version is not vulnerable) and can be safely removed or CM should be upgraded to the version specified in the section Software Parts Required below.

## When To Apply

During maintenance \_x\_

## Workaround/Recovery

N/A

## Resolution And Repair Procedure

Upgrade CM to the version described in the "Software Parts Required" section.

To obtain software:

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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-0118A-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** - Upgrading CM process may take (depending on the size of database) up to 1-2 hours.

**Medium** - Loss of functionalities - During the downtime of CM no changes to the system configuration may be done nor distributed.

## Software Parts Required

System Release	Name / SW version	Part Number
A2021.1, A2022.1, A2022.HS, <b>AN2024.1, AN2024.HS</b>	CM-ASTRO-C- <b>07.19.36.02-08</b> or later	KC877C09P00022010 <b>3</b> or later

## Additional Information

N/A

## Reference The Following Documents/Processes For Installation Procedures

For more information on K-Core system installation/upgrade and Configuration Manage see the following manuals:

### A2021.1:

- [K Core Setup Guide](#)
- [K Core Upgrade Setup Guide](#)

### A2022.1, A2022.HS, AN2024.1, AN2024.HS:

- [K Core Setup Guide](#)
- [K Core Upgrade Setup Guide](#)

## Labor Allowance

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

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