

MOTOROLA SOLUTIONS TECHNICAL NOTIFICATION (MTN)

Title

A repeater configured with a static 100 Mbps Ethernet link speed may experience connectivity issues with Cisco 9300 Series switches if the Ethernet cable is disconnected and then reconnected.

Technology

MOTOTRBO™ SLR Repeater

Severity Recommendation

Low/Maintenance - Perform if system exhibits below symptoms

Symptoms

A repeater set to a static 100 Mbps Ethernet link speed may encounter connectivity issues with Cisco 9300 Series switches when the Ethernet cable is disconnected and subsequently reconnected. In this specific configuration and scenario, the Repeater may fail to detect that the Ethernet cable has been reconnected, preventing the establishment of a connection to the switch.

Models / System Releases / Kits / Datecodes Affected

All SLR repeaters.

When To Apply

After upgrade _X_

After failure _X_

During maintenance _X_

As instructed _X_

Workaround/Recovery

Workaround / avoidance: Upgrade repeater firmware to M2025.01 or newer and after that use Auto Negotiation as Link Speed.

Recovery: reboot of the repeater.

Resolution And Repair Procedure

See the Workaround/Recovery section above.

Time To Implement/System Impact

After reboot __

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DOCUMENT NUMBER:	MTN-0078-25
ISSUE DATE:	2025-05

After failure ☒_X_
During maintenance ☐_X_
As instructed ☒_X_

Labor Allowance

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