

AirLink[®] MG90 Scheduled Security Certificate Update

OVERVIEW

DATE ISSUED:	29-Aug-2025
ISSUED BY:	Semtech Product Management
PRODUCTS AFFECTED:	AirLink [®] MG90 4G/5G Routers running MGOS version 4.4.2.0 or older, connected to hosted AMM.
FOR DISTRIBUTION TO:	AirLink [®] MG90 4G/5G Customers
DETAILS:	<p>MGOS devices</p> <p>As detailed in our Security Bulletin sent August 11, 2025, MGOS devices require firmware updates before September 27, 2025, when the current security certificates will expire.</p> <p>Devices that do not have an updated security certificate by this date will be unable to establish a connection with AirLink Mobility Manager (AMM), and your ability to manage these devices remotely will be lost.</p> <p>To reduce the number of devices that lose connectivity, Semtech will attempt to apply security certificate updates via configuration changes to MGOS devices running firmware versions below 4.4.2.1.</p>



Scheduled Update	Scheduled Update Date	Start Time	End Time	Impacted Instances
	Monday, Sept 8	9:00 AM PDT	1:00 PM PDT	AMM50, AMM51, AMM81, AMM82, AMM83, AMM84, AMM86, AMM87, AMM88, AMM89, AMM90
	Wednesday, Sept 10	9:00 AM PDT	1:00 PM PDT	AMM02, AMM03, AMM04, AMM05, AMM06, AMM07, AMM08, AMM09, AMM10, AMM11
Scope	In Scope:			
	<ul style="list-style-type: none"> • Hosted AMM instances • MG90 devices with firmware versions below 4.4.2.1 • MGOS devices currently online and reporting to AMM 			
Impact	Out of Scope:			
	<ul style="list-style-type: none"> • ALEOS devices (unaffected) • On-premises AM/AMM instances • Devices already running firmware 4.4.2.1 or newer 			
Impact	Impact during Update:			
	<ul style="list-style-type: none"> • AMM Platform: No disruption—remains fully operational • Device Communication to AMM: 10-second communication loss per device to AMM server • Device Operations: Continue functioning normally (except brief AMM sync interruption) • User Experience: Minimal—temporary status update delays in AMM console 			



Impact Post Update:

- Certificate updates are permanent (no remote rollback capability)
- Future firmware upgrades must go directly to v4.4.2.1+ to maintain AMM connectivity.
- **Note: If you are utilizing version MGOS 4.3.1.1 or earlier, and your Certificate has been manually updated, future MGOS software upgrades will require local USB installation, to avoid reinstallation of the expired certificate.**
- Devices requiring intermediate versions must be updated locally

CONTACT

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REVISION HISTORY

8-Sept-2025	Updated Impact Post Update
29-Aug-2025	Initial Release