

# Security Advisory



CVE-2024-7784 - 10.09.2024 (v1.0)

## Affected products, solutions, and services

- Axis ARTPEC-8 products running AXIS OS 10.9 - 11.11
- Axis i.MX8 QP products running AXIS OS 11.11
- Axis i.MX6 SX, i.MX6 ULL products running AXIS OS 10.10 - 11.11
- Axis i.MX8M Mini, and i.MX8M Nano UL products running AXIS OS 11.8 - 11.11

## Summary

During internal [Axis Security Development Model \(ASDM\)](#) threat-modelling, a flaw was found in the protection for device tampering (commonly known as Secure Boot) in AXIS OS making it vulnerable to a sophisticated attack to bypass this protection. To Axis' knowledge, no known exploits exist publicly as of today and Axis is not aware that this has been exploited. For security reasons, Axis will not provide more detailed information about the vulnerability.

The vulnerability has been assigned a [6.1 \(Medium\)](#) severity by using the CVSSv3.1 scoring system. Learn more about the Common Vulnerability Scoring System [here](#).

## Solution & Mitigation

Axis has released a patch for affected products on the following tracks:

All ARTPEC-8 and i.MX8 QP

- Active Track 12.0.40
- LTS 2024 11.11.80
- LTS 2022 10.12.246

All i.MX6 SX and i.MX6 ULL

- Active Track 12.0.47
- LTS 2024 11.11.85
- LTS 2022 10.12.247

All Axis i.MX8M Mini, and i.MX8M Nano UL

- Active Track 12.0.47
- LTS 2024 11.11.85

The release notes will state the following:

*Addressed CVE-2024-7784. Affects all ARTPEC 8, i.MX8 QP, i.MX6 SX, i.MX6 ULL, i.MX8M Mini and i.MX8M Nano UL products. Note that downgrading the product to an older AXIS OS version other than the latest supported 11.11 LTS track or 10.12 LTS track release is not possible. For more information, please visit the [Axis vulnerability management portal](#).*

It is recommended to update the Axis device software. The latest Axis device software can be found [here](#). For further assistance and questions, please contact [Axis Technical Support](#).

[Axis Vulnerability Management Portal](#) | [Axis Vulnerability Management Policy](#) | [Axis Security Notification Service](#)

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