# Security Advisory

CVE-2024-47259 - 04.03.2025 (v1.0)

## Affected products, solutions, and services

- AXIS OS 11.11 - 12.1

## Summary

Girishunawane, member of the AXIS OS Bug Bounty Program, has found that the VAPIX API *dynamicoverlay.cgi* did not have a sufficient input validation allowing for a possible command injection leading to being able to transfer files to the Axis device with the purpose to exhaust system resources. This flaw can only be exploited after authenticating with an operator- or administrator-privileged service account.

To Axis' knowledge, no known exploits exist publicly as of today and Axis is not aware that this has been exploited. Axis will not provide more detailed information about the vulnerability. We appreciate the efforts of security researchers and ethical hackers on improving security in Axis products, solutions, and services.

The vulnerability has been assigned a 3.5 (Low) severity by using the CVSSv3.1 scoring system. CWE-434: Unrestricted Upload of File with Dangerous Type has been assigned by using the CWE mapping. Learn more about the Common Vulnerability Scoring System and the Common Weakness Enumeration mapping here and here.

## Solution & Mitigation

Axis has released a patch for this flaw with the following versions:

- Active Track 12.2.52
- LTS 2024 11.11.126

The release notes will state the following:
*Addressed CVE-2024-47259. For more information, please visit the Axis vulnerability management portal.*

Due to the low impact of this CVE, an out-of-band release will not be provided. A patch will be provided with the next planned release when available. Axis devices not included in these tracks and still under support will receive a patch according to their planned maintenance and release schedule.

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 Communications AB, Gränden 1, SE-223 69 Lund, Sweden
Tel: +46 46 272 18 00, Fax: +46 46 13 61 30, www.axis.com