

## ACV-116267 Soap overflow (CVE-2017-9765)

Source: <https://cve.mitre.org/cgi-bin/cvename.cgi?name=2017-9765>

### General overview

Axis Linux based products supporting SOAP WebServices use an imported open-source package affected by a critical vulnerability. The flaw (stack buffer overflow), allows an attacker to crash the SOAP WebServices daemon (DOS-attack). The flaw can also be exploited by a skilled and determined attacker to execute arbitrary code on the product. As a precaution, Axis recommends to patch products with the latest available firmware.

### Risk assessment

The risk for an Axis product installed protected behind a firewall or isolated network is limited. An adversary must have network access to the camera to exploit the vulnerability. Products exposed and accessible from public Internet (via router port-forward or UPnP NAT) are at much higher risk and need immediate attention.

### Axis recommendations

Products protected behind a firewall should be patched with the latest firmware in a controlled manner. Products accessible from Internet should be patched and placed behind the firewall. If remote video is needed, use the Axis Companion client [Windows/Android/iOS] that can be downloaded free of charge at <https://www.axis.com/companion>. Axis Companion provides remote video in a secure way without exposing the camera to the Internet.

AXIS Hardening Guide gives general recommendations how to minimize cyber risks <https://www.axis.com/support/product-security>.

### Patched firmware and models

Older cameras with firmware version of 4.x.x or earlier are not affected. AXIS P7701 and P8221 are not affected.

The latest available firmware for the affected products includes a patch for the vulnerability and can be downloaded at <https://www.axis.com/support/firmware>.

You may also use AXIS Camera Management (<https://www.axis.com/products/axis-camera-management>) that will help fetching and installing the latest firmware to Axis products in your system.

### Affected models:

A1001, A8004, A8105-E, A9161, A9188, A9188-VE, ACB-LE, ACC-L, ACC-LW, ACD-V, ACD-WV, ACE-L, ACR, C1004-E, C2005, C3003, F34, F41, F44, F44 Dual Audio Input, M1004-W, M1011, M1011-W, M1013, M1014, M1025, M1031-W, M1033-W, M1034-W, M1045-LW, M1054, M1065-L, M1065-LW, M1103, M1104, M1113, M1114, M1124, M1125, M1143-L, M1144-L, M1145, M1145-L, M2014-E, P1204, P1214, P1214-E, P1224-E, P12\_M20, P8524, M2025-LE, M2026-LE, M3004, M3005, M3006, M3007, M3011, M3014, M3024, M3025, M3026, M3027, M3037, M3044-V, M3044-WV, M3045-V, M3045-WV, M3046-1.8mm, M3046-V, M3104-L, M3105-L, M3106-L, M3113-R, M3113-VE, M3114-R, M3114-VE, P8513, P8514, M3203, M3204, M5013, M5014, M7001, M7010, M7014, M7011, M7016, P1244, P1254, P1264, P1311, P1343,

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P1344, P1346, P1347, P1353, P1354, P1355, P1357, P1364, P1365, P1365Mk\_II, P1405, P1405-LE\_Mk\_II, P1425, P1425-LE\_Mk\_II, P1427, P1428-E, P1435, P3214, P3215, P3224, P3225, P3224\_LV\_LVE\_Mk\_II, P3225\_LV\_LVE\_Mk\_II, P3224\_V\_VE\_Mk\_II, P3225\_V\_VE\_Mk\_II, P3227, P3228, P3301, P3304, P3343, P3344, P3346, P3353, P3354, P3363, P3364, P3365, P3367, P3384, P3707-PE, P3904, P3904-R, P3905, P3915-R, P5414-E, P5415-E, P5512, P5512-E, P5514, P5514-E, P5515, P5515-E, P5522, P5522-E, P5532, P5532-E, P5534, P5534-E, P5544, P5624-E, P5624-E-Mk\_II, P5635-E, P5635-E-Mk\_II, P7210, P7214, P7216, P7224, Q1602, Q1604, Q1614, Q1615, Q1635, Q1635-E, Q1615Mk\_II, Q1659, Q1755, Q1755-PT, Q8722-E, Q1765-EX, Q1765-LE, Q1765-LE-PT, Q1775, Q1910, Q1921, Q1922, Q1931-E, Q1931-E-PT, Q1932-E, Q1932-E-PT, Q1941-E, Q1941-E-PT, Q1942-E, Q1942-E-PT, Q1942-EX, Q2901-E, Q2901-E-PT, Q2901-EX, Q3504, Q3505-Mk\_II, Q3505, Q3615, Q3617, Q3708-PVE, Q3709-PVE, Q6000-E, Q6000-E-Mk\_II, Q6032, Q6032-C, Q6032-E, Q6034, Q6034-C, Q6034-E, Q6035, Q6035-C, Q6035-E, Q6042, Q6042-C, Q6042-E, Q6042-S, Q6044, Q6044-C, Q6044-E, Q6044-S, Q6045, Q6045-C, Q6045-C-Mk\_II, Q6045-E, Q6045-E-Mk\_II, Q6045-Mk\_II, Q6045-S, Q6045-S-Mk\_II, Q6052, Q6052-E, Q6054, Q6054-E, Q6055, Q6055-C, Q6055-E, Q6055-S, Q6114-E, Q6115-E, Q6128-E, Q6155-E, Q7401, Q7404, Q7406, Q7411, Q7414, Q7424-R, Q7424-R-Mk\_II, Q7436, Q8414-LVS, Q8631-E, Q8632-E, Q8665-E, Q8665-LE, V5914, V5915