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VDE-CERT

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TRUMPF products contain vulnerable version of 7-zip (VDE-2024-005)

CVE Identifier

CVE-2023-31102

Severity

[7.8 \(CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H\)](#)

Affected Vendors

TRUMPF Werkzeugmaschinen
TRUMPF Laser- und Systemtechnik

Affected Products

- Boost, up to and including V16.5
- TruTops Cell, up to and including V2.31.0
- TruTops Mark, up to and including V6.2
- Oseon (Storage), up to and including V3.2
- Oseon-Boost mixed installation, up to and including V3.5
- FAB (Storage), up to and including V22.7
- FAB-Boost mixed installation, up to and including V22.7
- TruTops Classic, up to and including V12.1

Vulnerability Type

INTEGER UNDERFLOW (WRAP OR WRAPAROUND) (CWE-191)

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Summary

Under certain circumstances, opening a specially crafted 7-zip package can exploit an integer underflow vulnerability in 7-zip versions up to and including 22.x. This vulnerability allows for a remote code execution, resulting in unauthorized (remote) access to, change of data or disruption of the whole service.

Impact

The stated TRUMPF products include a vulnerable version of 7-zip which can be exploited to take over the server they're installed on. This can impact confidentiality, integrity and availability of information on the affected system.

Solution

- Please download the replacement tool ([LINK](#)).
- For additional questions please contact your TRUMPF Service with the PR number 501709.

Reported by

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