



CVE-2023-30463

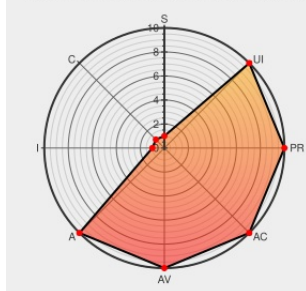
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



Certain versions of [Picotcp](#) from [Altran](#) contain the following vulnerability:

Altran picoTCP through 1.7.0 allows memory corruption (and subsequent denial of service) because of an integer overflow in `pico_ipv6_alloc` when processing large ICMPv6 packets. This affects installations with Ethernet support in which a packet size greater than 65495 may occur.

CVE-2023-30463 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVE References

Description	Tags	Link
Releases · tass-belgium/picotcp · GitHub	github.com text/html	MISC github.com/tass-belgium/picotcp/releases
PicoTCP - Denial of Service (CVE-2023-30463) :: [root@georgyg.com] #	georgyg.com text/html	MISC georgyg.com/home/picotcp-denial-of-service-cve-2023-30463/

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Altran	Picotcp	All	All	All	All
cpe:2.3:a:altran:picotcp:*.*.*.*.*.*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-30463 : Altran picoTCP through 1.7.0 allows memory corruption and subsequent denial of service because o... twitter.com/i/web/status/1...	2023-04-19 12:06:52
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2023-30463 Altran picoTCP through 1.7.0 allows memory corruption (and subseq... twitter.com/i/web/status/1...	2023-04-19 13:11:02

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