

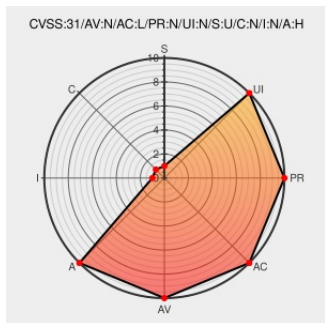


CVE-2023-3596

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CVE-2023-3596

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

Certain versions of [1756-en4tr](#) from [Rockwellautomation](#) contain the following vulnerability:

Where this vulnerability exists in the Rockwell Automation 1756-EN4* Ethernet/IP communication products, it could allow a malicious user to cause a denial of service by asserting the target system through maliciously crafted CIP messages.

CVE-2023-3596 has been assigned by PSIRT@rockwellautomation.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Rockwell Automation - 1756-EN4TR Series A** version = <=5.001

Affected Vendor/Software: **Rockwell Automation - 1756-EN4TRK Series A** version = <=5.001

Affected Vendor/Software: **Rockwell Automation - 1756-EN4TRXT Series A** version = <=5.001

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
Remote Code Execution and Denial-of-Service Vulnerabilities in Select Communication Modules	rockwellautomation.custhelp.com text/html	MISC rockwellautomation.custhelp.com/app/answers/answer_view/a_id/1140010

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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
Hardware 	Rockwellautomation	1756-en4tr	-	All	All	All
Hardware 	Rockwellautomation	1756-en4trk	-	All	All	All
Operating System	Rockwellautomation	1756-en4trk Firmware	-	All	All	All
Hardware 	Rockwellautomation	1756-en4trxt	-	All	All	All
Operating System	Rockwellautomation	1756-en4trxt Firmware	-	All	All	All
Operating System	Rockwellautomation	1756-en4tr Firmware	-	All	All	All
cpe:2.3:h:rockwellautomation:1756-en4tr:-:*:*:*:*:*:						
cpe:2.3:h:rockwellautomation:1756-en4trk:-:*:*:*:*:*:						
cpe:2.3:o:rockwellautomation:1756-en4trk_firmware:-:*:*:*:*:*:						
cpe:2.3:h:rockwellautomation:1756-en4trxt:-:*:*:*:*:*:						
cpe:2.3:o:rockwellautomation:1756-en4trxt_firmware:-:*:*:*:*:*:						
cpe:2.3:o:rockwellautomation:1756-en4tr_firmware:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-3596 : Where this vulnerability exists in the Rockwell Automation 1756-EN4* Ethernet/IP communication pro... twitter.com/i/web/status/1...	2023-07-12 13:06:52
 @StopMalvertisin	Dragos Mitigating CVE-2023-3595 and CVE-2023-3596 Impacting Rockwell Automation ControlLogix Firmware stpmvt.com/3O8JvkC	2023-07-12 14:00:37
 @two_minwarning	Mitigating CVE-2023-3595 and CVE-2023-3596 Impacting Rockwell Automation ControlLogix Firmware... twitter.com/i/web/status/1...	2023-07-12 14:50:40
 @AlexH5355474648	Finding Rockwell Automation Allen-Bradley Communication Modules Affected by CVE-2023-3595 and CVE-2023-3596 in OT E... twitter.com/i/web/status/1...	2023-07-12 16:17:53
 @jfslowik	Is there a stupid name yet for the "exploit capability linked to APT actors" reflected in CVE-2023-3595 and CVE-2023-3596? #ICS / #OT	2023-07-12 17:18:36
 @MarioMonteiroJr	Finding Rockwell Automation Allen-Bradley Communication Modules Affected by CVE-2023-3595 and CVE-2023-3596 in OT E... twitter.com/i/web/status/1...	2023-07-12 18:44:16
	Mitigating CVE-2023-3595 and CVE-2023-3596 Impacting Rockwell Automation ControlLogix	2023-07-13

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