

Beckhoff Security Advisory 2020-01: BK9000 couplers - Denial of service inhibits function

Publication Date	03/09/2020
Last Update	03/09/2020
Current Version	1.0
Relevance	Medium
CVE-ID	CVE-2020-9464
VDE-ID	VDE-2020-05
CVSS 3.1	7.5 (AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H)

Summary

The coupler's function could be inhibited by an attack.

Appearance

- BK9000 | Ethernet TCP/IP Bus Coupler

Description

The coupler's function could be inhibited by a denial of service attack. The coupler will not recover after the attack has stopped.

A reboot of the device recovers the operation.

Mitigation

Beckhoff will not change this behaviour.

Customers should configure a perimeter firewall to block traffic from untrusted networks to the device.

Acknowledgement

Beckhoff Automation thanks Martin Menschner from Rhebo GmbH for support and efforts within coordinated disclosure.

Reporting vulnerabilities

Beckhoff Automation welcomes responsibly coordinated reports of vulnerabilities and Beckhoff will collaborate with reporting parties to fix vulnerabilities or mitigate threats.

References

[1] Additional information about the latest IPC security advisories are provided here:
www.beckhoff.com/secinfo

History

V 1.0	03/09/2020	Publication
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