



Path Traversal

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2025-9963
State	PUBLISHED
Assigner	CyberDanube
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-23 12:15:29 UTC
Updated	2026-03-31 13:16:12 UTC
Description	A path traversal vulnerability in Novakon P series allows to expose the root file system "/" and modify all files with root perm

Risk And Classification

Primary CVSS: v4.0 9.4 CRITICAL from office@cyberdanube.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000260000 probability, percentile 0.072510000 (date 2026-04-02)

Problem Types: CWE-22 | CWE-22 CWE-22 Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal')

Version	Source	Type	Score	Severity	Vector
4.0	office@cyberdanube.com	Secondary	9.4	CRITICAL	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA
4.0	CNA	CVSS	9.4	CRITICAL	CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

High

Sub Integrity

High

Sub Availability

High

CVSS:4.0/AV:L/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Novakon	P Series P07 P10 P12 P15	affected P – V2001.A.c518o2 P-V2005 custom	Linux

References

Reference	Source	Link
www.novakon.com.tw/common/frontend/download	office@cyberdanube.com	www
seclists.org/fulldisclosure/2025/Sep/70	af854a3a-2127-422b-91ae-364da2661108	seclists
cyberdanube.com/security-research/multiple-vulnerabilities-in-novakon-hmi-series	office@cyberdanube.com	cyberdanube
www.novakon.com.tw/en/news/detail/Security_Advisory__Firmware_Update_Available_f...	office@cyberdanube.com	www
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd

Vendor Comments And Credit

Discovery Credit

CNA: S. Dietz (CyberDanube) (en)

There are currently no legacy QID mappings associated with this CVE.

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