



CVE-2019-12871

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

Certain versions of [Automationworx Software Suite](#) from [Phoenixcontact](#) contain the following vulnerability:

An issue was discovered in PHOENIX CONTACT PC Worx through 1.86, PC Worx Express through 1.86, and Config+ through 1.86. A manipulated PC Worx or Config+ project file could lead to a Use-After-Free and remote code execution. The attacker needs to get access to an original PC Worx or Config+ project file to be able to manipulate it.

After manipulation, the attacker needs to exchange the original file with the manipulated one on the application programming workstation.

CVE-2019-12871 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
PHOENIX CONTACT Multiple Vulnerabilities in Automation Worx	Exploit-Database	- MISC-cert.yoda.com/en

PHOENIX CONTACT Multiple vulnerabilities in Automationworx Software Suite — English (USA)

Third Party Advisory

cert.vde.com

text/html

MISC

cert.vde.com/en-us/advisories/vde-2019-014

ZDI-19-578 | Zero Day Initiative

Third Party Advisory

VDB Entry

www.zerodayinitiative.com

text/html

MISC

www.zerodayinitiative.com/advisories/ZDI-19-578/

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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	Phoenixcontact	Automationworx Software Suite	All	All	All	All

cpe:2.3:a:phoenixcontact:automationworx_software_suite:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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