



# CVE-2021-21005

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

## Summary

<b>CVE</b>	CVE-2021-21005
<b>State</b>	PUBLIC
<b>Assigner</b>	info@cert.vde.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-06-25 19:15:00 UTC
<b>Updated</b>	2021-07-01 23:56:00 UTC
<b>Description</b>	In Phoenix Contact FL SWITCH SMCS series products in multiple versions if an attacker sends a hand-crafted TCP-Packet

## Risk And Classification

**Problem Types:** CWE-362

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Phoenixcontact</a>	FI Nat Smn 8tx	-	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	FI Nat Smn 8tx-m	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	FI Nat Smn 8tx-m Firmware	All	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	FI Nat Smn 8tx Firmware	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	FI Switch Smcs 14tx/2fx	-	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	FI Switch Smcs 14tx/2fx-sm	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	FI Switch Smcs 14tx/2fx-sm Firmware	All	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	FI Switch Smcs 14tx/2fx Firmware	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	FI Switch Smcs 16tx	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	FI Switch Smcs 16tx Firmware	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	FI Switch Smcs 4tx-pn	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	FI Switch Smcs 4tx-pn Firmware	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	FI Switch Smcs 6gt/2sfp	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	FI Switch Smcs 6gt/2sfp Firmware	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	FI Switch Smcs 6tx/2sfp	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	FI Switch Smcs 6tx/2sfp Firmware	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	FI Switch Smcs 8gt	-	All	All	All

Operating System	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smcs 8gt Firmware</a>	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smcs 8tx</a>	-	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smcs 8tx-pn</a>	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smcs 8tx-pn Firmware</a>	All	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smcs 8tx Firmware</a>	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smn 6tx/2fx</a>	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smn 6tx/2fx Firmware</a>	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smn 6tx/2fx Sm</a>	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smn 6tx/2fx Sm Firmware</a>	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smn 6tx/2pof-pn</a>	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smn 6tx/2pof-pn Firmware</a>	All	All	All	All
Hardware	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smn 8tx-pn</a>	-	All	All	All
Operating System	<a href="#">Phoenixcontact</a>	<a href="#">FI Switch Smn 8tx-pn Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
PHOENIX CONTACT : Security Advisory for FL SWITCH SMCS series — English (USA)	CONFIRM	<a href="https://cert.vde.com">cert.vde.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

## Vendor Comments And Credit

### Discovery Credit

**LEGACY:** This vulnerability has been discovered and reported by Anne Borcharding, Fraunhofer- Institut für Optronik, Systemtechnik und Bildauswertung IOSB. PHOENIX CONTACT thanks CERT@VDE for the coordination and support with this publication.

## Legacy QID Mappings

[591306](#) Phoenix Contact FL SWITCH SMCS series switches Denial of Service (DoS) Multiple Vulnerabilities (VDE-2021-023)

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