



# CVE-2020-28400

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-28400
<b>State</b>	PUBLIC
<b>Assigner</b>	productcert@siemens.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-07-13 11:15:00 UTC
<b>Updated</b>	2022-04-12 09:15:00 UTC
<b>Description</b>	Affected devices contain a vulnerability that allows an unauthenticated attacker to trigger a denial-of-service condition. The

## Risk And Classification

**Problem Types:** CWE-770

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Siemens	Dk Standard Ethernet Controller Evaluation Kit	-	All	All	All
Operating System	Siemens	Dk Standard Ethernet Controller Evaluation Kit Firmware	All	All	All	All
Hardware	Siemens	Ek-ertec 200p Evaluation Kit	-	All	All	All
Operating System	Siemens	Ek-ertec 200p Evaluation Kit Firmware	All	All	All	All
Hardware	Siemens	Ek-ertec 200 Evaluation Kit	-	All	All	All
Operating System	Siemens	Ek-ertec 200 Evaluation Kit Firmware	All	All	All	All
Hardware	Siemens	Ruggedcom Rm1224	-	All	All	All
Operating System	Siemens	Ruggedcom Rm1224 Firmware	All	All	All	All
Hardware	Siemens	Scalance M-800	-	All	All	All
Operating System	Siemens	Scalance M-800 Firmware	All	All	All	All
Hardware	Siemens	Scalance S615	-	All	All	All
Operating System	Siemens	Scalance S615 Firmware	All	All	All	All
Hardware	Siemens	Scalance W1700	-	All	All	All
Operating System	Siemens	Scalance W1700 Firmware	All	All	All	All
Hardware	Siemens	Scalance W700	-	All	All	All
Operating System	Siemens	Scalance W700 Firmware	All	All	All	All
Hardware	Siemens	Scalance X200-4 P Irt	-	All	All	All

Operating System	Siemens	Scalance X200-4 P Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X201-3p Irt	-	All	All	All
Operating System	Siemens	Scalance X201-3p Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X201-3p Irt Pro	-	All	All	All
Operating System	Siemens	Scalance X201-3p Irt Pro Firmware	All	All	All	All
Hardware	Siemens	Scalance X202-2p Irt Pro	-	All	All	All
Operating System	Siemens	Scalance X202-2p Irt Pro Firmware	All	All	All	All
Hardware	Siemens	Scalance X202-2 Irt	-	All	All	All
Operating System	Siemens	Scalance X202-2 Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X204-2fm	-	All	All	All
Operating System	Siemens	Scalance X204-2fm Firmware	All	All	All	All
Hardware	Siemens	Scalance X204-2ld	-	All	All	All
Operating System	Siemens	Scalance X204-2ld Firmware	All	All	All	All
Hardware	Siemens	Scalance X204-2ld Ts	-	All	All	All
Operating System	Siemens	Scalance X204-2ld Ts Firmware	All	All	All	All
Hardware	Siemens	Scalance X204-2ts	-	All	All	All
Operating System	Siemens	Scalance X204-2ts Firmware	All	All	All	All
Hardware	Siemens	Scalance X204-2	-	All	All	All
Operating System	Siemens	Scalance X204-2 Firmware	All	All	All	All
Hardware	Siemens	Scalance X204 Irt	-	All	All	All
Operating System	Siemens	Scalance X204 Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X204 Irt Pro	-	All	All	All
Operating System	Siemens	Scalance X204 Irt Pro Firmware	All	All	All	All
Hardware	Siemens	Scalance X206-1	-	All	All	All
Hardware	Siemens	Scalance X206-1ld	-	All	All	All
Operating System	Siemens	Scalance X206-1ld Firmware	All	All	All	All
Operating System	Siemens	Scalance X206-1 Firmware	All	All	All	All
Hardware	Siemens	Scalance X208	-	All	All	All
Hardware	Siemens	Scalance X208pro	-	All	All	All
Operating System	Siemens	Scalance X208pro Firmware	All	All	All	All
Operating System	Siemens	Scalance X208 Firmware	All	All	All	All
Hardware	Siemens	Scalance X212-2	-	All	All	All
Hardware	Siemens	Scalance X212-2ld	-	All	All	All
Operating System	Siemens	Scalance X212-2ld Firmware	All	All	All	All
Operating System	Siemens	Scalance X212-2 Firmware	All	All	All	All

Hardware	Siemens	Scalance X216	-	All	All	All
Operating System	Siemens	Scalance X216 Firmware	All	All	All	All
Hardware	Siemens	Scalance X224	-	All	All	All
Operating System	Siemens	Scalance X224 Firmware	All	All	All	All
Hardware	Siemens	Scalance X302-7eec	-	All	All	All
Operating System	Siemens	Scalance X302-7eec Firmware	All	All	All	All
Hardware	Siemens	Scalance X304-2fe	-	All	All	All
Operating System	Siemens	Scalance X304-2fe Firmware	All	All	All	All
Hardware	Siemens	Scalance X306-1ldfe	-	All	All	All
Operating System	Siemens	Scalance X306-1ldfe Firmware	All	All	All	All
Hardware	Siemens	Scalance X307-2eec	-	All	All	All
Operating System	Siemens	Scalance X307-2eec Firmware	All	All	All	All
Hardware	Siemens	Scalance X307-3	-	All	All	All
Hardware	Siemens	Scalance X307-3ld	-	All	All	All
Operating System	Siemens	Scalance X307-3ld Firmware	All	All	All	All
Operating System	Siemens	Scalance X307-3 Firmware	All	All	All	All
Hardware	Siemens	Scalance X308-2	-	All	All	All
Hardware	Siemens	Scalance X308-2ld	-	All	All	All
Operating System	Siemens	Scalance X308-2ld Firmware	All	All	All	All
Hardware	Siemens	Scalance X308-2lh	-	All	All	All
Hardware	Siemens	Scalance X308-2lh	-	All	All	All
Operating System	Siemens	Scalance X308-2lh Firmware	All	All	All	All
Operating System	Siemens	Scalance X308-2lh Firmware	All	All	All	All
Hardware	Siemens	Scalance X308-2m	-	All	All	All
Operating System	Siemens	Scalance X308-2m Firmware	All	All	All	All
Hardware	Siemens	Scalance X308-2m Poe	-	All	All	All
Operating System	Siemens	Scalance X308-2m Poe Firmware	All	All	All	All
Hardware	Siemens	Scalance X308-2m Ts	-	All	All	All
Operating System	Siemens	Scalance X308-2m Ts Firmware	All	All	All	All
Operating System	Siemens	Scalance X308-2 Firmware	All	All	All	All
Hardware	Siemens	Scalance X310	-	All	All	All
Hardware	Siemens	Scalance X310fe	-	All	All	All
Operating System	Siemens	Scalance X310fe Firmware	All	All	All	All
Operating System	Siemens	Scalance X310 Firmware	All	All	All	All
Hardware	Siemens	Scalance X320-1fe	-	All	All	All

Operating System	Siemens	Scalance X320-1te Firmware	All	All	All	All
Hardware	Siemens	Scalance X320-3ldfe	-	All	All	All
Operating System	Siemens	Scalance X320-3ldfe Firmware	All	All	All	All
Hardware	Siemens	Scalance Xb-200	-	All	All	All
Operating System	Siemens	Scalance Xb-200 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xc-200	-	All	All	All
Operating System	Siemens	Scalance Xc-200 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf-200ba	-	All	All	All
Operating System	Siemens	Scalance Xf-200ba Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf201-3p lrt	-	All	All	All
Operating System	Siemens	Scalance Xf201-3p lrt Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf202-2p lrt	-	All	All	All
Operating System	Siemens	Scalance Xf202-2p lrt Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf204	-	All	All	All
Hardware	Siemens	Scalance Xf204-2ba lrt	-	All	All	All
Operating System	Siemens	Scalance Xf204-2ba lrt Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf204-2	-	All	All	All
Operating System	Siemens	Scalance Xf204-2 Firmware	All	All	All	All
Operating System	Siemens	Scalance Xf204 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf204 lrt	-	All	All	All
Operating System	Siemens	Scalance Xf204 lrt Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf206-1	-	All	All	All
Operating System	Siemens	Scalance Xf206-1 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf208	-	All	All	All
Operating System	Siemens	Scalance Xf208 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xm400	-	All	All	All
Operating System	Siemens	Scalance Xm400 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xp-200	-	All	All	All
Operating System	Siemens	Scalance Xp-200 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xr-300wg	-	All	All	All
Operating System	Siemens	Scalance Xr-300wg Firmware	All	All	All	All
Hardware	Siemens	Scalance Xr324-12m	-	All	All	All
Operating System	Siemens	Scalance Xr324-12m Firmware	All	All	All	All
Hardware	Siemens	Scalance Xr324-12m Ts	-	All	All	All
Operating System	Siemens	Scalance Xr324-12m Ts Firmware	All	All	All	All
Hardware	Siemens	Scalance Xr324-4m Eec	-	All	All	All

Operating System	Siemens	Scalance Xr324-4m Eec Firmware	All	All	All	All
Hardware	Siemens	Scalance Xr324-4m Poe	-	All	All	All
Operating System	Siemens	Scalance Xr324-4m Poe Firmware	All	All	All	All
Hardware	Siemens	Scalance Xr324-4m Poe Ts	-	All	All	All
Operating System	Siemens	Scalance Xr324-4m Poe Ts Firmware	All	All	All	All
Hardware	Siemens	Scalance Xr500	-	All	All	All
Operating System	Siemens	Scalance Xr500 Firmware	All	All	All	All
Hardware	Siemens	Simatic Cfu Pa	-	All	All	All
Operating System	Siemens	Simatic Cfu Pa Firmware	All	All	All	All
Hardware	Siemens	Simatic Ie/pb-link V3	-	All	All	All
Operating System	Siemens	Simatic Ie/pb-link V3 Firmware	All	All	All	All
Hardware	Siemens	Simatic Mv500	-	All	All	All
Operating System	Siemens	Simatic Mv500 Firmware	All	All	All	All
Hardware	Siemens	Simatic Net Cm 1542-1	-	All	All	All
Operating System	Siemens	Simatic Net Cm 1542-1 Firmware	All	All	All	All
Hardware	Siemens	Simatic Net Cp1604	-	All	All	All
Operating System	Siemens	Simatic Net Cp1604 Firmware	All	All	All	All
Hardware	Siemens	Simatic Net Cp1616	-	All	All	All
Operating System	Siemens	Simatic Net Cp1616 Firmware	All	All	All	All
Hardware	Siemens	Simatic Net Cp1626	-	All	All	All
Operating System	Siemens	Simatic Net Cp1626 Firmware	All	All	All	All
Application	Siemens	Simatic Net Dk-16xx Pn Io	-	All	All	All
Application	Siemens	Simatic Net Dk-16xx Pn Io	All	All	All	All
Hardware	Siemens	Simatic Power Line Booster Plb	-	All	All	All
Operating System	Siemens	Simatic Power Line Booster Plb Firmware	All	All	All	All
Hardware	Siemens	Simatic Profinet Driver	-	All	All	All
Operating System	Siemens	Simatic Profinet Driver Firmware	All	All	All	All
Hardware	Siemens	Simatic S7-1200	-	All	All	All
Operating System	Siemens	Simatic S7-1200 Firmware	All	All	All	All
Hardware	Siemens	Simocode Prov Ethernet/ip	-	All	All	All
Operating System	Siemens	Simocode Prov Ethernet/ip Firmware	All	All	All	All
Hardware	Siemens	Simocode Prov Profinet	-	All	All	All
Operating System	Siemens	Simocode Prov Profinet Firmware	All	All	All	All
Hardware	Siemens	Softnet-ie Pnio	-	All	All	All
Operating System	Siemens	Softnet-ie Pnio Firmware	All	All	All	All

## References

Reference	Source	Link	Tags
Siemens PROFINET Devices   CISA	MISC	<a href="https://us-cert.cisa.gov">us-cert.cisa.gov</a>	
N/A	CONFIRM	<a href="https://cert-portal.siemens.com">cert-portal.siemens.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

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[590796](#) Siemens PROFINET Devices (Update C) Vulnerability (ICSA-21-194-03)

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