



CVE-2020-28397

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-28397
State	PUBLIC
Assigner	productcert@siemens.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-08-10 11:15:00 UTC
Updated	2021-12-10 19:57:00 UTC
Description	A vulnerability has been identified in SIMATIC Drive Controller family (All versions < V2.9.2), SIMATIC ET 200SP Open Co

Risk And Classification

Problem Types: CWE-863

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Siemens	Cpu1510sp F-1	-	All	All	All
Operating System	Siemens	Cpu1510sp F-1 Firmware	All	All	All	All
Hardware	Siemens	Cpu 1211c	-	All	All	All
Operating System	Siemens	Cpu 1211c Firmware	4.4	All	All	All
Hardware	Siemens	Cpu 1212c	-	All	All	All
Operating System	Siemens	Cpu 1212c Firmware	4.4	All	All	All
Hardware	Siemens	Cpu 1212fc	-	All	All	All
Operating System	Siemens	Cpu 1212fc Firmware	4.4	All	All	All
Hardware	Siemens	Cpu 1214c	-	All	All	All
Operating System	Siemens	Cpu 1214c Firmware	4.4	All	All	All
Hardware	Siemens	Cpu 1214fc	-	All	All	All
Operating System	Siemens	Cpu 1214fc Firmware	4.4	All	All	All
Hardware	Siemens	Cpu 1215c	-	All	All	All
Operating System	Siemens	Cpu 1215c Firmware	4.4	All	All	All
Hardware	Siemens	Cpu 1215fc	-	All	All	All
Operating System	Siemens	Cpu 1215fc Firmware	4.4	All	All	All
Hardware	Siemens	Cpu 1217c	-	All	All	All

Operating System	Siemens	Cpu 1217c Firmware	4.4	All	All	All
Hardware	Siemens	Cpu 1504d Tf	-	All	All	All
Operating System	Siemens	Cpu 1504d Tf Firmware	All	All	All	All
Hardware	Siemens	Cpu 1507d Tf	-	All	All	All
Operating System	Siemens	Cpu 1507d Tf Firmware	All	All	All	All
Hardware	Siemens	Cpu 1510sp-1pn	-	All	All	All
Operating System	Siemens	Cpu 1510sp-1pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1511-1pn	-	All	All	All
Operating System	Siemens	Cpu 1511-1pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1511c-1 Pn	-	All	All	All
Operating System	Siemens	Cpu 1511c-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1511f-1pn	-	All	All	All
Operating System	Siemens	Cpu 1511f-1pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1511t-1pn	-	All	All	All
Operating System	Siemens	Cpu 1511t-1pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1511tf-1pn	-	All	All	All
Operating System	Siemens	Cpu 1511tf-1pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1512c-1 Pn	-	All	All	All
Operating System	Siemens	Cpu 1512c-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1512sp-1 Pn	-	All	All	All
Operating System	Siemens	Cpu 1512sp-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1512sp F-1 Pn	-	All	All	All
Operating System	Siemens	Cpu 1512sp F-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1513-1 Pn	-	All	All	All
Operating System	Siemens	Cpu 1513-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1513f-1 Pn	-	All	All	All
Operating System	Siemens	Cpu 1513f-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1513pro F-2 Pn	-	All	All	All
Operating System	Siemens	Cpu 1513pro F-2 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1513r-1 Pn	-	All	All	All
Operating System	Siemens	Cpu 1513r-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1515-2	-	All	All	All
Operating System	Siemens	Cpu 1515-2 Firmware	All	All	All	All
Hardware	Siemens	Cpu 1515f-2	-	All	All	All
Operating System	Siemens	Cpu 1515f-2 Firmware	All	All	All	All

Hardware	Siemens	Cpu 1515r-2 Pn	-	All	All	All
Operating System	Siemens	Cpu 1515r-2 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1515sp Pc2 Tf	-	All	All	All
Operating System	Siemens	Cpu 1515sp Pc2 Tf Firmware	All	All	All	All
Hardware	Siemens	Cpu 1515t-2 Pn	-	All	All	All
Operating System	Siemens	Cpu 1515t-2 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1515tf-2 Pn	-	All	All	All
Operating System	Siemens	Cpu 1515tf-2 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1516-3	-	All	All	All
Operating System	Siemens	Cpu 1516-3 Firmware	All	All	All	All
Hardware	Siemens	Cpu 1516f-3	-	All	All	All
Operating System	Siemens	Cpu 1516f-3 Firmware	All	All	All	All
Hardware	Siemens	Cpu 1516pro-2 Pn	-	All	All	All
Operating System	Siemens	Cpu 1516pro-2 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1516pro F-2 Pn	-	All	All	All
Operating System	Siemens	Cpu 1516pro F-2 Pn Firmware	All	All	All	All
Hardware	Siemens	Cpu 1516t-3 Pn/dp	-	All	All	All
Operating System	Siemens	Cpu 1516t-3 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Cpu 1516tf-3 Pn/dp	-	All	All	All
Operating System	Siemens	Cpu 1516tf-3 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Cpu 1517-3 Pn/dp	-	All	All	All
Operating System	Siemens	Cpu 1517-3 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Cpu 1517f-3 Pn/dp	-	All	All	All
Operating System	Siemens	Cpu 1517f-3 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Cpu 1517t-3 Pn/dp	-	All	All	All
Operating System	Siemens	Cpu 1517t-3 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Cpu 1517tf-3 Pn/dp	-	All	All	All
Operating System	Siemens	Cpu 1517tf-3 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Cpu 1518-4 Pn/dp	-	All	All	All
Operating System	Siemens	Cpu 1518-4 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Cpu 1518f-4 Pn/dp	-	All	All	All
Operating System	Siemens	Cpu 1518f-4 Pn/dp Firmware	All	All	All	All
Application	Siemens	Simatic S7-1500 Software Controller	All	All	All	All
Hardware	Siemens	Simatic S7 Plcsim Advanced	-	All	All	All
Operating System	Siemens	Simatic S7 Plcsim Advanced Firmware	All	All	All	All

Hardware	Siemens	Siplus Cpu-1516f-3 Pn/dp	-	All	All	All
Operating System	Siemens	Siplus Cpu-1516f-3 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1510sp F-1pn	-	All	All	All
Operating System	Siemens	Siplus Cpu 1510sp F-1pn Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1511-1 Pn	-	All	All	All
Operating System	Siemens	Siplus Cpu 1511-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1511f-1 Pn	-	All	All	All
Operating System	Siemens	Siplus Cpu 1511f-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1512sp-1 Pn	-	All	All	All
Operating System	Siemens	Siplus Cpu 1512sp-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1512sp F-1pn	-	All	All	All
Operating System	Siemens	Siplus Cpu 1512sp F-1pn Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1513-1 Pn	-	All	All	All
Operating System	Siemens	Siplus Cpu 1513-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1513f-1 Pn	-	All	All	All
Operating System	Siemens	Siplus Cpu 1513f-1 Pn Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1516-3 Pn/dp	-	All	All	All
Operating System	Siemens	Siplus Cpu 1516-3 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1518-4 Pn/dp	-	All	All	All
Operating System	Siemens	Siplus Cpu 1518-4 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Siplus Cpu 1518f-4 Pn/dp	-	All	All	All
Operating System	Siemens	Siplus Cpu 1518f-4 Pn/dp Firmware	All	All	All	All
Hardware	Siemens	Tim 1531 Irc	-	All	All	All
Operating System	Siemens	Tim 1531 Irc Firmware	2.1	All	All	All

References

Reference	Source	Link	Tags
cert-portal.siemens.com/productcert/pdf/ssa-865327.pdf	MISC	cert-portal.siemens.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[591253](#) Siemens SIMATIC Controllers and TIM Incorrect Authorization Vulnerability (ICSA-21-257-23, SSA-865327)

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