



CVE-2019-6578

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



Certain versions of [Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr2](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in SINAMICS PERFECT HARMONY GH180 with NXG I control, MLFBs: 6SR2...-, 6SR3...-, 6SR4...- (All Versions with option G28), SINAMICS PERFECT HARMONY GH180 with NXG II control, MLFBs: 6SR2...-, 6SR3...-, 6SR4...- (All Versions with option G28). A denial of service vulnerability exists in the affected

products. The vulnerability could be exploited by an attacker with network access to the device. Successful exploitation requires no privileges and no user interaction. An attacker could use the vulnerability to compromise availability of the affected system. At the time of advisory publication no public exploitation of this security vulnerability was known.

CVE-2019-6578 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [S](#) Siemens AG - SINAMICS PERFECT HARMONY GH180 with NXG I control, MLFBs: 6SR2...-, 6SR3...-, 6SR4...- version All Versions with option G28

Affected Vendor/Software: [S](#) Siemens AG - SINAMICS PERFECT HARMONY GH180 with NXG II control, MLFBs: 6SR2...-, 6SR3...-, 6SR4...- version All Versions with option G28

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE

Confidentiality Impact	Integrity Impact	Availability Impact				
NONE	NONE	PARTIAL				
CVE References						
Description	Tags	Link				
Siemens SINAMICS PERFECT HARMONY GH180 Drives NXG I and NXG II ICS-CERT	Vendor Advisory cert-portal.siemens.com application/pdf	MISC cert-portal.siemens.com/productcert/pdf/ssa-606525.pdf				
	Third Party Advisory US Government Resource ics-cert.us-cert.gov text/html	MISC ics-cert.us-cert.gov/advisories/ICSA-19-134-05				
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.						
There are currently no QIDs associated with this CVE						
Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr2	-	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr2	-	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr2 Firmware	All	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr2 Firmware	All	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr3	-	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr3	-	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr3 Firmware	All	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr3 Firmware	All	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr4	-	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr4	-	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxg li Control Mlfb 6sr4 Firmware	All	All	All	All

Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxc Ii Control Mlfb 6sr4 Firmware	All	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr2	-	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr2	-	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr2 Firmware	All	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr2 Firmware	All	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr3	-	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr3	-	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr3 Firmware	All	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr3 Firmware	All	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr4	-	All	All	All
Hardware 	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr4	-	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr4 Firmware	All	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 With Nxc I Control Mlfb 6sr4 Firmware	All	All	All	All
cpe:2.3:h:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr2:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr2:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr2_firmware:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr2_firmware:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr3:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr3:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr3_firmware:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr3_firmware:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr4:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr4:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr4_firmware:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:sinamics_perfect_harmony_gh180_with_nxc_ii_control_mlfb_6sr4_firmware:~::~~::~~::~~::~~::~~::~~:::						

