



CVE-2023-27465

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[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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



Certain versions of [Simotion C240](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in SIMOTION C240 (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION C240 PN (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION D410-2 DP (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION D410-2 DP/PN (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION D425-2 DP (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION

D425-2 DP/PN (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION D435-2 DP (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION D435-2 DP/PN (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION D445-2 DP/PN (All versions $\geq$ V5.4), SIMOTION D445-2 DP/PN (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION D455-2 DP/PN (All versions $\geq$ V5.4 < V5.5 SP1), SIMOTION P320-4 E (All versions $\geq$ V5.4), SIMOTION P320-4 S (All versions $\geq$ V5.4). When operated with Security Level Low the device does not protect access to certain services relevant for debugging. This could allow an unauthenticated attacker to extract confidential technology object (TO) configuration from the device.

CVE-2023-27465 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
	cert-portal.siemens.com/application/pdf	MISC cert-portal.siemens.com/productcert/pdf/ssa-482956.pdf

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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
Hardware 	Siemens	Simotion C240	-	All	All	All
Operating System	Siemens	Simotion C240 Firmware	All	All	All	All
Operating System	Siemens	Simotion C240 Firmware	5.5	-	All	All
Hardware 	Siemens	Simotion C240 Pn	-	All	All	All
Operating System	Siemens	Simotion C240 Pn Firmware	All	All	All	All
Operating System	Siemens	Simotion C240 Pn Firmware	5.5	-	All	All
Hardware 	Siemens	Simotion D410-2 Dp	-	All	All	All
Hardware 	Siemens	Simotion D410-2 Dp/pn	-	All	All	All
Operating System	Siemens	Simotion D410-2 Dp/pn Firmware	All	All	All	All
Operating System	Siemens	Simotion D410-2 Dp/pn Firmware	5.5	-	All	All
Operating System	Siemens	Simotion D410-2 Dp Firmware	All	All	All	All
Operating System	Siemens	Simotion D410-2 Dp Firmware	5.5	-	All	All
Hardware 	Siemens	Simotion D425-2 Dp	-	All	All	All
Hardware 	Siemens	Simotion D425-2 Dp/pn	-	All	All	All
Operating System	Siemens	Simotion D425-2 Dp/pn Firmware	All	All	All	All
Operating System	Siemens	Simotion D425-2 Dp/pn Firmware	5.5	-	All	All
Operating System	Siemens	Simotion D425-2 Dp Firmware	All	All	All	All
Operating System	Siemens	Simotion D425-2 Dp Firmware	5.5	-	All	All
Hardware 	Siemens	Simotion D435-2 Dp	-	All	All	All
Hardware 	Siemens	Simotion D435-2 Dp/pn	-	All	All	All

Operating System	Siemens	Simotion D435-2 Dp/pn Firmware	All	All	All	All
Operating System	Siemens	Simotion D435-2 Dp/pn Firmware	5.5	-	All	All
Operating System	Siemens	Simotion D435-2 Dp Firmware	All	All	All	All
Operating System	Siemens	Simotion D435-2 Dp Firmware	5.5	-	All	All
Hardware  	Siemens	Simotion D445-2 Dp/pn 0aa0	-	All	All	All
Operating System	Siemens	Simotion D445-2 Dp/pn 0aa0 Firmware	5.4	All	All	All
Hardware  	Siemens	Simotion D445-2 Dp/pn 0aa1	-	All	All	All
Operating System	Siemens	Simotion D445-2 Dp/pn 0aa1 Firmware	All	All	All	All
Operating System	Siemens	Simotion D445-2 Dp/pn 0aa1 Firmware	5.5	-	All	All
Hardware  	Siemens	Simotion D455-2 Dp/pn	-	All	All	All
Operating System	Siemens	Simotion D455-2 Dp/pn Firmware	All	All	All	All
Operating System	Siemens	Simotion D455-2 Dp/pn Firmware	5.5	-	All	All
Hardware  	Siemens	Simotion P320-4 E	-	All	All	All
Operating System	Siemens	Simotion P320-4 E Firmware	5.4	All	All	All
Hardware  	Siemens	Simotion P320-4 S	-	All	All	All
Operating System	Siemens	Simotion P320-4 S Firmware	5.4	All	All	All
cpe:2.3:h:siemens:simotion_c240:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:simotion_c240_firmware:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:simotion_c240_firmware:5.5:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:siemens:simotion_c240_pn:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:simotion_c240_pn_firmware:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:simotion_c240_pn_firmware:5.5:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:siemens:simotion_d410-2_dp:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:siemens:simotion_d410-2_dp\pn:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:simotion_d410-2_dp\pn_firmware:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:siemens:simotion_d410-2_dp\pn_firmware:5.5:-:~::~~::~~::~~::~~::~~::~~:::						

cpe:2.3:o:siemens:simotion_d410-2_dp_firmware:*:*:*:*:*:
cpe:2.3:o:siemens:simotion_d410-2_dp_firmware:5.5:-:*:*:*:*:
cpe:2.3:h:siemens:simotion_d425-2_dp:-:*:*:*:*:
cpe:2.3:h:siemens:simotion_d425-2_dp\pn:-:*:*:*:*:
cpe:2.3:o:siemens:simotion_d425-2_dp\pn_firmware:*:*:*:*:*:
cpe:2.3:o:siemens:simotion_d425-2_dp\pn_firmware:5.5:-:*:*:*:*:
cpe:2.3:o:siemens:simotion_d425-2_dp_firmware:*:*:*:*:*:
cpe:2.3:o:siemens:simotion_d425-2_dp_firmware:5.5:-:*:*:*:*:
cpe:2.3:h:siemens:simotion_d435-2_dp:-:*:*:*:*:
cpe:2.3:h:siemens:simotion_d435-2_dp\pn:-:*:*:*:*:
cpe:2.3:o:siemens:simotion_d435-2_dp\pn_firmware:*:*:*:*:*:
cpe:2.3:o:siemens:simotion_d435-2_dp\pn_firmware:5.5:-:*:*:*:*:
cpe:2.3:o:siemens:simotion_d435-2_dp_firmware:*:*:*:*:*:
cpe:2.3:o:siemens:simotion_d435-2_dp_firmware:5.5:-:*:*:*:*:
cpe:2.3:h:siemens:simotion_d445-2_dp\pn_(0aa0):-:*:*:*:*:
cpe:2.3:o:siemens:simotion_d445-2_dp\pn_(0aa0)_firmware:5.4:*:*:*:*:
cpe:2.3:h:siemens:simotion_d445-2_dp\pn_(0aa1):-:*:*:*:*:
cpe:2.3:o:siemens:simotion_d445-2_dp\pn_(0aa1)_firmware:*:*:*:*:*:
cpe:2.3:o:siemens:simotion_d445-2_dp\pn_(0aa1)_firmware:5.5:-:*:*:*:*:
cpe:2.3:h:siemens:simotion_d455-2_dp\pn:-:*:*:*:*:
cpe:2.3:o:siemens:simotion_d455-2_dp\pn_firmware:*:*:*:*:*:
cpe:2.3:o:siemens:simotion_d455-2_dp\pn_firmware:5.5:-:*:*:*:*:
cpe:2.3:h:siemens:simotion_p320-4_e:-:*:*:*:*:
cpe:2.3:o:siemens:simotion_p320-4_e_firmware:5.4:*:*:*:*:
cpe:2.3:h:siemens:simotion_p320-4_s:-:*:*:*:*:
cpe:2.3:o:siemens:simotion_p320-4_s_firmware:5.4:*:*:*:*:

No vendor comments have been submitted for this CVE

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