



CVE-2022-29875

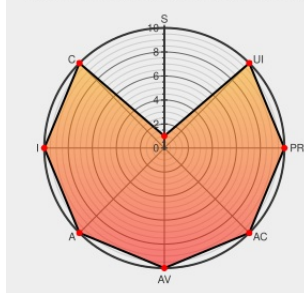
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CVE-2022-29875

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

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



Certain versions of [Biograph Horizon Pet/ct Systems](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in Biograph Horizon PET/CT Systems (All VJ30 versions < VJ30C-UD01), MAGNETOM Family (NUMARIS X: VA12M, VA12S, VA10B, VA20A, VA30A, VA31A), MAMMOMAT Revelation (All VC20 versions < VC20D), NAEOTOM Alpha (All VA40 versions < VA40 SP2), SOMATOM X.cite (All versions < VA30 SP5 or VA40 SP2), SOMATOM X.creed (All versions < VA30 SP5 or VA40 SP2), SOMATOM go.All (All versions < VA30 SP5 or VA40 SP2), SOMATOM go.Now (All versions < VA30 SP5 or VA40 SP2), SOMATOM go.Open Pro (All versions < VA30 SP5 or VA40 SP2), SOMATOM go.Sim (All versions < VA30 SP5 or VA40 SP2), SOMATOM go.Top (All versions < VA30 SP5 or VA40 SP2), SOMATOM go.Up (All versions < VA30 SP5 or VA40 SP2), Symbia E/S (All VB22 versions < VB22A-UD03), Symbia Evo (All VB22 versions < VB22A-UD03), Symbia Intevo (All VB22 versions < VB22A-UD03), Symbia T (All VB22 versions < VB22A-UD03), Symbia.net (All VB22 versions < VB22A-UD03), syngo.via VB10 (All versions), syngo.via VB20 (All versions), syngo.via VB30 (All versions), syngo.via VB40 (All versions < VB40B HF06), syngo.via VB50 (All versions), syngo.via VB60 (All versions < VB60B HF02). The application deserialises untrusted data without sufficient validations that could result in an arbitrary deserialization. This could allow an unauthenticated attacker to execute code in the affected system if ports 32912/tcp or 32914/tcp are reachable.

CVE-2022-29875 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Siemens Healthineers Security Advisories	www.siemens-healthineers.com text/html	 CONFIRM N/A
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	Biograph Horizon Pet/ct Systems	-	All	All	All
Operating System	Siemens	Biograph Horizon Pet/ct Systems Firmware	All	All	All	All
Hardware 	Siemens	Magnetom Numaris X	-	All	All	All
Operating System	Siemens	Magnetom Numaris X Firmware	va10b	All	All	All
Operating System	Siemens	Magnetom Numaris X Firmware	va12m	All	All	All
Operating System	Siemens	Magnetom Numaris X Firmware	va12s	All	All	All
Operating System	Siemens	Magnetom Numaris X Firmware	va20a	All	All	All
Operating System	Siemens	Magnetom Numaris X Firmware	va30a	All	All	All
Operating System	Siemens	Magnetom Numaris X Firmware	va31a	All	All	All
Hardware 	Siemens	Mammomat Revelation	-	All	All	All
Operating System	Siemens	Mammomat Revelation Firmware	All	All	All	All
Hardware 	Siemens	Naeotom Alpha	-	All	All	All
Operating	Siemens	Naeotom Alpha Firmware	va40	-	All	All

System						
Hardware  	Siemens	Somatom Go.all	-	All	All	All
Operating System	Siemens	Somatom Go.all Firmware	All	All	All	All
Operating System	Siemens	Somatom Go.all Firmware	va30	-	All	All
Operating System	Siemens	Somatom Go.all Firmware	va40	-	All	All
Hardware  	Siemens	Somatom Go.now	-	All	All	All
Operating System	Siemens	Somatom Go.now Firmware	All	All	All	All
Operating System	Siemens	Somatom Go.now Firmware	va30	-	All	All
Operating System	Siemens	Somatom Go.now Firmware	va40	-	All	All
Hardware  	Siemens	Somatom Go.open Pro	-	All	All	All
Operating System	Siemens	Somatom Go.open Pro Firmware	All	All	All	All
Operating System	Siemens	Somatom Go.open Pro Firmware	va30	-	All	All
Operating System	Siemens	Somatom Go.open Pro Firmware	va40	-	All	All
Hardware  	Siemens	Somatom Go.sim	-	All	All	All
Operating System	Siemens	Somatom Go.sim Firmware	All	All	All	All
Operating System	Siemens	Somatom Go.sim Firmware	va30	-	All	All
Operating System	Siemens	Somatom Go.sim Firmware	va40	-	All	All
Hardware  	Siemens	Somatom Go.up	-	All	All	All
Operating System	Siemens	Somatom Go.up Firmware	All	All	All	All
Operating System	Siemens	Somatom Go.up Firmware	va30	-	All	All
Operating System	Siemens	Somatom Go.up Firmware	va40	-	All	All
Hardware  	Siemens	Somatom X.cite	-	All	All	All
Operating System	Siemens	Somatom X.cite Firmware	All	All	All	All
Operating System	Siemens	Somatom X.cite Firmware	va30	-	All	All
Operating System	Siemens	Somatom X.cite Firmware	va40	-	All	All

Hardware 	Siemens	Somatom X.creed	-	All	All	All
Operating System	Siemens	Somatom X.creed Firmware	All	All	All	All
Operating System	Siemens	Somatom X.creed Firmware	va30	-	All	All
Operating System	Siemens	Somatom X.creed Firmware	va40	-	All	All
Application	Siemens	Symbia.net	All	All	All	All
Hardware 	Siemens	Symbia E	-	All	All	All
Hardware 	Siemens	Symbia Evo	-	All	All	All
Operating System	Siemens	Symbia Evo Firmware	All	All	All	All
Operating System	Siemens	Symbia E Firmware	All	All	All	All
Hardware 	Siemens	Symbia Intevo	-	All	All	All
Operating System	Siemens	Symbia Intevo Firmware	All	All	All	All
Hardware 	Siemens	Symbia S	-	All	All	All
Operating System	Siemens	Symbia S Firmware	All	All	All	All
Hardware 	Siemens	Symbia T	-	All	All	All
Operating System	Siemens	Symbia T Firmware	All	All	All	All
Application	Siemens	Syngo.via	All	All	All	All
Application	Siemens	Syngo.via	vb10	All	All	All
Application	Siemens	Syngo.via	vb20	All	All	All
Application	Siemens	Syngo.via	vb30	All	All	All
Application	Siemens	Syngo.via	vb40b	-	All	All
Application	Siemens	Syngo.via	vb50	All	All	All
Application	Siemens	Syngo.via	vb60b	-	All	All
cpe:2.3:h:siemens:biograph_horizon_pet\ct_systems:-:*:*:*:*:*:						
cpe:2.3:o:siemens:biograph_horizon_pet\ct_systems_firmware:*:*:*:*:*:						
cpe:2.3:h:siemens:magnetom_numaris_x:-:*:*:*:*:*:						
cpe:2.3:o:siemens:magnetom_numaris_x_firmware:va10b:*:*:*:*:*:						
cpe:2.3:o:siemens:magnetom_numaris_x_firmware:va12m:*:*:*:*:*:						
cpe:2.3:o:siemens:magnetom_numaris_x_firmware:va12s:*:*:*:*:*:						
cpe:2.3:o:siemens:magnetom_numaris_x_firmware:va20a:*:*:*:*:*:						

cpe:2.3:o:siemens:magnetom_numaris_x_firmware.va20a:~::~:
cpe:2.3:o:siemens:magnetom_numaris_x_firmware.va30a:~::~:
cpe:2.3:o:siemens:magnetom_numaris_x_firmware.va31a:~::~:
cpe:2.3:h:siemens:mammomat_revelation:~::~:
cpe:2.3:o:siemens:mammomat_revelation_firmware:~::~:
cpe:2.3:h:siemens:naeotom_alpha:~::~:
cpe:2.3:o:siemens:naeotom_alpha_firmware.va40:~::~:
cpe:2.3:h:siemens:somatom_go.all:~::~:
cpe:2.3:o:siemens:somatom_go.all_firmware:~::~:
cpe:2.3:o:siemens:somatom_go.all_firmware.va30:~::~:
cpe:2.3:o:siemens:somatom_go.all_firmware.va40:~::~:
cpe:2.3:h:siemens:somatom_go.now:~::~:
cpe:2.3:o:siemens:somatom_go.now_firmware:~::~:
cpe:2.3:o:siemens:somatom_go.now_firmware.va30:~::~:
cpe:2.3:o:siemens:somatom_go.now_firmware.va40:~::~:
cpe:2.3:h:siemens:somatom_go.open_pro:~::~:
cpe:2.3:o:siemens:somatom_go.open_pro_firmware:~::~:
cpe:2.3:o:siemens:somatom_go.open_pro_firmware.va30:~::~:
cpe:2.3:o:siemens:somatom_go.open_pro_firmware.va40:~::~:
cpe:2.3:h:siemens:somatom_go.sim:~::~:
cpe:2.3:o:siemens:somatom_go.sim_firmware:~::~:
cpe:2.3:o:siemens:somatom_go.sim_firmware.va30:~::~:
cpe:2.3:o:siemens:somatom_go.sim_firmware.va40:~::~:
cpe:2.3:h:siemens:somatom_go.up:~::~:
cpe:2.3:o:siemens:somatom_go.up_firmware:~::~:
cpe:2.3:o:siemens:somatom_go.up_firmware.va30:~::~:
cpe:2.3:o:siemens:somatom_go.up_firmware.va40:~::~:
cpe:2.3:h:siemens:somatom_x.cite:~::~:
cpe:2.3:o:siemens:somatom_x.cite_firmware:~::~:

cpe:2.3:a:siemens:syngo.via:vb60b:-:*:*:*:*:*:

 @Inceptus3	New Vulnerability: CVE-2022-29875 #InceptusSecure #UnderOurProtection	2022-06-01 12:19:48
 @0_exploit	CVE-2022-29875 dlvr.it/SRRKgS	2022-06-01 14:31:03
 /r/netcve	CVE-2022-29875	2022-06-01 11:38:48

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