



CVE-2021-31891

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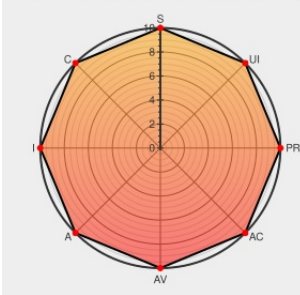
CVE-2021-31891

Source: Mitre

Source: Nist

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



Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

A vulnerability has been identified in Desigo CC (All versions with OIS Extension Module), GMA-Manager (All versions with OIS running on Debian 9 or earlier), Operation Scheduler (All versions with OIS running on Debian 9 or earlier), Siveillance Control (All versions with OIS running on Debian 9 or earlier), Siveillance Control Pro (All

versions). The affected application incorrectly neutralizes special elements in a specific HTTP GET request which could lead to command injection. An unauthenticated remote attacker could exploit this vulnerability to execute arbitrary code on the system with root privileges.

CVE-2021-31891 has been assigned by productcert@siemens.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **Siemens** - **Desigo CC** version **All versions with OIS Extension Module**

Affected Vendor/Software: **Siemens** - **GMA-Manager** version **All versions with OIS running on Debian 9 or earlier**

Affected Vendor/Software: **Siemens** - **Operation Scheduler** version **All versions with OIS running on Debian 9 or earlier**

Affected Vendor/Software: **Siemens** - **Siveillance Control** version **All versions with OIS running on Debian 9 or earlier**

Affected Vendor/Software: **Siemens** - **Siveillance Control Pro** version **All versions**

CVSS3 Score: **10 - CRITICAL**

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

CVSS2 Score: **10 - HIGH**

Access Vector	Access Complexity	Authentication

NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
	cert-portal.siemens.com/application/pdf	S MISC cert-portal.siemens.com/productcert/pdf/ssa-535380.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
Operating System	Debian	Debian Linux	All	All	All	All
Application	Siemens	Desigo Cc	All	All	All	All
Application	Siemens	Gma-manager	All	All	All	All
Application	Siemens	Operation Scheduler	All	All	All	All
Application	Siemens	Siveillance Control	All	All	All	All
Application	Siemens	Siveillance Control Pro	All	All	All	All

- cpe:2.3:o:debian:debian_linux:*.:.:.:.:.:.:
- cpe:2.3:a:siemens:desigo_cc:*.:.:.:.:.:.:
- cpe:2.3:a:siemens:gma-manager:*.:.:.:.:.:.:
- cpe:2.3:a:siemens:operation_scheduler:*.:.:.:.:.:.:
- cpe:2.3:a:siemens:siveillance_control:*.:.:.:.:.:.:
- cpe:2.3:a:siemens:siveillance_control_pro:*.:.:.:.:.:.:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-31891 : A vulnerability has been identified in Desigo CC All versions with OIS Extension	2021-09-14

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