CVE-2021-37181

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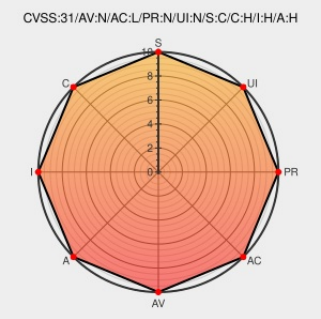
Source: Mitre | Source: Nist | Print: PDF



Certain versions of Cerberus Dms from Siemens contain the following vulnerability:

A vulnerability has been identified in Cerberus DMS V4.0 (All versions), Cerberus DMS V4.1 (All versions), Cerberus DMS V4.2 (All versions), Cerberus DMS V5.0 (All versions < v5.0 QU1), Desigo CC Compact V4.0 (All versions), Desigo CC Compact V4.1 (All versions), Desigo CC Compact V4.2 (All versions), Desigo CC Compact V5.0 (All versions < V5.0 QU1), Desigo CC V4.0 (All versions), Desigo CC V4.1 (All versions), Desigo CC V4.2 (All versions), Desigo CC V5.0 (All versions < V5.0 QU1). 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. The CCOM communication component used for Windows App / Click-Once and IE Web / XBAP client connectivity are affected by the vulnerability.

CVE-2021-37181 has been assigned by productcert@siemens.com to track the vulnerability - currently rated as CRITICAL severity.

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: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
	cert-portal.siemens.com application/pdf	MISC cert-portal.siemens.com/productcert/pdf/ssa-453715.pdf

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Siemens	Cerberus Dms	4.0	All	All	All
Application	Siemens	Cerberus Dms	4.1	All	All	All
Application	Siemens	Cerberus Dms	4.2	All	All	All
Application	Siemens	Cerberus Dms	5.0	-	All	All
Application	Siemens	Desigo Cc	4.0	All	All	All
Application	Siemens	Desigo Cc	4.1	All	All	All
Application	Siemens	Desigo Cc	4.2	All	All	All
Application	Siemens	Desigo Cc	5.0	-	All	All
Application	Siemens	Desigo Cc Compact	4.0	All	All	All
Application	Siemens	Desigo Cc Compact	4.1	All	All	All
Application	Siemens	Desigo Cc Compact	4.2	All	All	All
Application	Siemens	Desigo Cc Compact	5.0	-	All	All

cpe:2.3:a:siemens:cerberus_dms:4.0:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:cerberus_dms:4.1:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:cerberus_dms:4.2:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:cerberus_dms:5.0:-:*:*:*:*:*:*:

cpe:2.3:a:siemens:desigo_cc:4.0:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:desigo_cc:4.1:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:desigo_cc:4.2:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:desigo_cc:5.0:-:*:*:*:*:*:*:

cpe:2.3:a:siemens:desigo_cc_compact:4.0:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:desigo_cc_compact:4.1:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:desigo_cc_compact:4.2:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:desigo_cc_compact:5.0:-:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-37181 : A vulnerability has been identified in Cerberus DMS V4.0 All versions , Cerberus DMS V4.1 All ve… twitter.com/i/web/status/1…	2021-09-14 10:59:48

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