



CVE-2022-27580

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

Certain versions of [Safety Designer](#) from [Sick](#) contain the following vulnerability:

A deserialization vulnerability in a .NET framework class used and not properly checked by Safety Designer all versions up to and including 1.11.0 allows an attacker to craft malicious project files.

Opening/importing such a malicious project file would execute arbitrary code with the privileges of the current user when opened or imported

by the Safety Designer. This compromises confidentiality integrity and availability. For the attack to succeed a user must manually open a malicious project file.

CVE-2022-27580 has been assigned by [psirt@sick.de](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVE References

Description	Tags	Link
The SICK Product Security Incident Response Team (SICK PSIRT) SICK	sick.com text/html	MISC sick.com/psirt

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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
Application	Sick	Safety Designer	All	All	All	All
cpe:2.3:a:sick:safety_designer:*:*:*:*:*:						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
 @CVereport	CVE-2022-27580 : A deserialization vulnerability in a .NET framework class used and not properly checked by Safety... twitter.com/i/web/status/1...					2022-07-19 16:05:51
 /r/netcve	CVE-2022-27580					2022-07-19 16:38:12
← Previous ID			Next ID →			