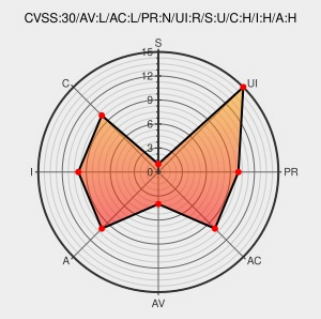
CVE-2021-34905

Published on: 01/13/2022 12:00:00 AM UTC

Last Modified on: 01/14/2022 09:49:00 PM UTC

CVE-2021-34905

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Bentley View from Bentley contain the following vulnerability:

This vulnerability allows remote attackers to execute arbitrary code on affected installations of Bentley View 10.15.0.75. User interaction is required to exploit this vulnerability in that the target must visit a malicious page or open a malicious file. The specific flaw exists within the parsing of DGN files. The issue results from the lack of proper validation of the length of user-supplied data prior to copying it to a heap-based buffer. An attacker can leverage this vulnerability to execute code in the context of the current process. Was ZDI-CAN-14878.

CVE-2021-34905 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Bentley** - **View** version **10.15.0.75**

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

CVSS2 Score: 6.8 - MEDIUM

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

CVE References

Description	Tags	Link
ZDI-21-1494 | Zero Day Initiative	www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-21-1494/
BE-2021-0009: Out-of-bounds vulnerabilities in MicroStation and MicroStation-based applications	www.bentley.com text/html	MISC www.bentley.com/en/common-vulnerability-exposure/BE-2021-0009

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Bentley	Bentley View	All	All	All	All
Application	Bentley	Microstation	All	All	All	All

cpe:2.3:a:bentley:bentley_view:*:*:*:*:*:*:*:*:

cpe:2.3:a:bentley:microstation:*:*:*:*:*:*:*:*:

Discovery Credit

Mat Powell of Trend Micro Zero Day Initiative

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-34905 : This vulnerability allows remote attackers to execute arbitrary code on affected installations of… twitter.com/i/web/status/1…	2022-01-13 22:05:09

← Previous ID

Next ID→