



CVE-2022-40656

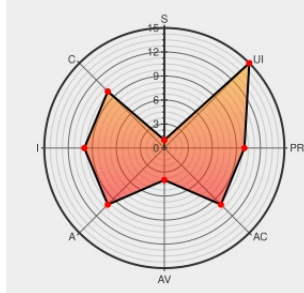
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:30/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



Certain versions of **Nis-elements Viewer** from **Nikon** contain the following vulnerability:

This vulnerability allows remote attackers to execute arbitrary code on affected installations of NIKON NIS-Elements Viewer 13.2.0.21165. 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 ND2 files. Crafted data in a ND2 file can trigger a read past the end of an allocated buffer. An attacker can leverage this vulnerability to execute code in the context of the current process. Was ZDI-CAN-15072.

CVE-2022-40656 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **NIKON - NIS-Elements Viewer** version 13.2.0.21165

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
ZDI-22-1212 Zero Day Initiative	www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-22-1212/

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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	Nikon	Nis-elements Viewer	13.2.0.21165	All	All	All
cpe:2.3:a:nikon:nis-elements_viewer:13.2.0.21165:*:*:*:*:*:						

Discovery Credit

Tran Van Khang - khangkito (VinCSS)

Social Mentions

Source	Title	Posted (UTC)
 @TheZDIBugs	[ZDI-22-1212 CVE-2022-40656] (0Day) NIKON NIS-Elements Viewer ND2 File Parsing Out-Of-Bounds Read Remote Code Execu... twitter.com/i/web/status/1...	2022-09-14 18:55:10
 @CVEreport	CVE-2022-40656 : This vulnerability allows remote attackers to execute arbitrary code on affected installations of... twitter.com/i/web/status/1...	2022-09-15 15:31:08

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