



CVE-2022-40660

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

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 1.2100.1483.0. 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 PSD images. 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-15135.

CVE-2022-40660 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 **1.2100.1483.0**

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-22-1216 Zero Day Initiative	www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-22-1216/

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comment@cve.report.

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	1.2100.1483.0	All	All	All
cpe:2.3:a:nikon:nis-elements_viewer:1.2100.1483.0:*:*:*:*:*:						

Discovery Credit

Mat Powell of Trend Micro Zero Day Initiative

Social Mentions

Source	Title	Posted (UTC)
 @TheZDIBugs	[ZDI-22-1216 CVE-2022-40660] (0Day) NIKON NIS-Elements Viewer PSD File Parsing Heap-based Buffer Overflow Remote Co... twitter.com/i/web/status/1...	2022-09-14 18:55:11
 @CVEreport	CVE-2022-40660 : This vulnerability allows remote attackers to execute arbitrary code on affected installations of... twitter.com/i/web/status/1...	2022-09-15 15:38:22
 /r/netcve	CVE-2022-40660	2022-09-15 16:39:02

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