

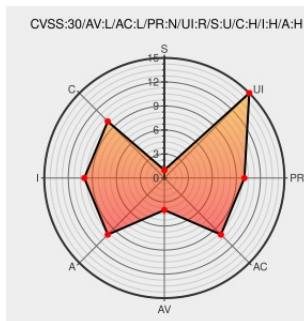


# CVE-2022-40662

Published on: Not Yet Published

Last Modified on: 09/17/2022 03:45:00 AM UTC

## CVE-2022-40662

[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 TIF images. Crafted data in a TIF image 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-15351.

CVE-2022-40662 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-22-1218   Zero Day Initiative | <a href="https://www.zerodayinitiative.com/text/html">www.zerodayinitiative.com<br/>text/html</a> | MISC <a href="https://www.zerodayinitiative.com/advisories/ZDI-22-1218/">www.zerodayinitiative.com/advisories/ZDI-22-1218/</a> |

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

#### Discovery Credit

Tran Van Khang - khangkito (VinCSS)

#### Social Mentions

| Source                                                                                       | Title                                                                                                                                                                                                          | Posted (UTC)        |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @TheZDIBugs | [ZDI-22-1218 CVE-2022-40662] (0Day) NIKON NIS-Elements Viewer TIF File Parsing Out-Of-Bounds Read Remote Code Execu... <a href="https://twitter.com/i/web/status/1574444444">twitter.com/i/web/status/1...</a> | 2022-09-14 18:47:59 |
|  @CVEreport  | CVE-2022-40662 : This vulnerability allows remote attackers to execute arbitrary code on affected installations of... <a href="https://twitter.com/i/web/status/1574444444">twitter.com/i/web/status/1...</a>  | 2022-09-15 15:38:56 |
|  /r/netcve | <a href="#">CVE-2022-40662</a>                                                                                                                                                                                 | 2022-09-15 16:39:04 |

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