

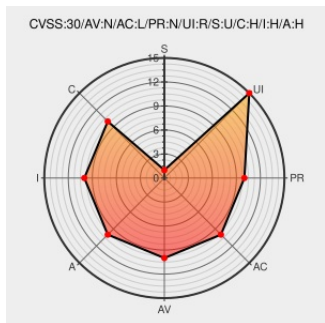


# CVE-2019-8380

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## CVE-2019-8380

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

Certain versions of [Bento4](#) from [Axiosys](#) contain the following vulnerability:

An issue was discovered in Bento4 1.5.1-628. A NULL pointer dereference occurs in AP4\_Track::GetSampleIndexForTimeStampMs() located in Core/Ap4Track.cpp. It can triggered by sending a crafted file to the mp4audioclip binary. It allows an attacker to cause a Denial of Service (Segmentation fault) or possibly have unspecified other impact.

CVE-2019-8380 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                                                                                                         | Tags                                                                                                      | Link                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CVE-2019-8380: NULL POINTER DEREFERENCE Vulnerability in function AP4_Track::GetSampleIndexForTimeStampMs() - Bento4-1.5.1-628 - Loginsoft Research | <a href="#">Exploit</a><br><a href="#">Third Party Advisory</a><br><a href="#">research.loginsoft.com</a> | <a href="#">MISC research.loginsoft.com/bugs/null-pointer-dereference-vulnerability-in-function-ap4_trackgetsampleindexfortimestamps-bento4-1-5-1-628/</a> |

NULL POINTER DEREFERENCE in  
AP4\_Track::GetSampleIndexForTimeStampMs() · Issue #366 ·  
axiomatic-systems/Bento4 · GitHub

Exploit

Third Party Advisory

github.com

text/html

MISC [github.com/axiomatic-systems/Bento4/issues/366](https://github.com/axiomatic-systems/Bento4/issues/366)

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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                               | <a href="#">Axiosys</a> | <a href="#">Bento4</a> | 1.5.1-628 | All    | All     | All      |
| Application                               | <a href="#">Axiosys</a> | <a href="#">Bento4</a> | 1.5.1-628 | All    | All     | All      |
| cpe:2.3:a:axiosys:bento4:1.5.1-628:*****: |                         |                        |           |        |         |          |
| cpe:2.3:a:axiosys:bento4:1.5.1-628:*****: |                         |                        |           |        |         |          |

No vendor comments have been submitted for this CVE

[← Previous ID](#)[Next ID →](#)

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