



# CVE-2019-20019

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-20019                                                                                     |
| <b>State</b>           | PUBLIC                                                                                             |
| <b>Assigner</b>        | cve@mitre.org                                                                                      |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                       |
| <b>Published</b>       | 2019-12-27 02:15:00 UTC                                                                            |
| <b>Updated</b>         | 2020-08-24 17:37:00 UTC                                                                            |
| <b>Description</b>     | An attempted excessive memory allocation was discovered in Mat_VarRead5 in mat5.c in matio 1.5.17. |

## Risk And Classification

**Problem Types:** CWE-770

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                        | Product               | Version | Update | Edition | Language |
|-------------|-------------------------------|-----------------------|---------|--------|---------|----------|
| Application | <a href="#">Matio Project</a> | <a href="#">Matio</a> | 1.5.17  | All    | All     | All      |
| Application | <a href="#">Matio Project</a> | <a href="#">Matio</a> | 1.5.17  | All    | All     | All      |

## References

| Reference                                                                                        | Source  | Link                         | Tags           |
|--------------------------------------------------------------------------------------------------|---------|------------------------------|----------------|
| it is a memory exhaustion issue in Mat_VarRead5 (mat5.c:3574) - Issue #130 - tbeu/matio - GitHub | MISC    | <a href="#">github.com</a>   | Exploit, Issue |
| CVE Program record                                                                               | CVE.ORG | <a href="#">www.cve.org</a>  | canonical      |
| NVD vulnerability detail                                                                         | NVD     | <a href="#">nvd.nist.gov</a> | canonical, <   |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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**Free CVE JSON API** [cve.report/api](https://cve.report/api)

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