



# CVE-2019-19944

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## Summary

|                        |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-19944                                                                                                        |
| <b>State</b>           | PUBLIC                                                                                                                |
| <b>Assigner</b>        | cve@mitre.org                                                                                                         |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                          |
| <b>Published</b>       | 2019-12-23 19:15:00 UTC                                                                                               |
| <b>Updated</b>         | 2019-12-30 19:25:00 UTC                                                                                               |
| <b>Description</b>     | In libIEC61850 1.4.0, BerDecoder_decodeUint32 in mms/asn1/ber_decode.c has an out-of-bounds read, related to intLen a |

## Risk And Classification

### Problem Types: CWE-125

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                        | Product                     | Version | Update | Edition | Language |
|-------------|-------------------------------|-----------------------------|---------|--------|---------|----------|
| Application | <a href="#">Mz-automation</a> | <a href="#">Libiec61850</a> | 1.4.0   | All    | All     | All      |
| Application | <a href="#">Mz-automation</a> | <a href="#">Libiec61850</a> | 1.4.0   | All    | All     | All      |

## References

| Reference                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------|
| Deny of service caused in function BerDecoder_decodeUint32 in src/mms/asn1/ber_decode.c · Issue #196 · mz-automation/libiec61850 · GitHub |
| CVE Program record                                                                                                                        |
| NVD vulnerability detail                                                                                                                  |

No vendor comments have been submitted for this CVE.

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

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