

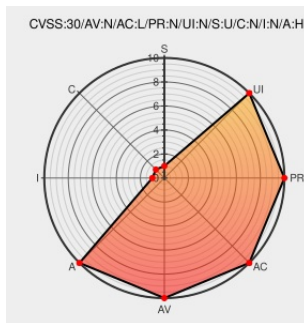


CVE-2019-6138

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CVE-2019-6138

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

Certain versions of [Libiec61850](#) from [Mz-automation](#) contain the following vulnerability:

An issue has been found in libIEC61850 v1.3.1. Memory_malloc and Memory_calloc in hal/memory/lib_memory.c have memory leaks when called from mms/iso_mms/common/mms_value.c, server/mms_mapping/mms_mapping.c, and server/mms_mapping/mms_sv.c (via common/string_utilities.c), as demonstrated by iec61850_9_2_LE_example.c.

CVE-2019-6138 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Memory leaks in mms_mapping.c & mms_value.c · Issue #103 · mz-automation/libiec61850 · GitHub	Exploit Third Party Advisory	MISC github.com/mz-automation/libiec61850/issues/103

[github.com](#)[text/html](#)

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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	Mz-automation	Libiec61850	1.3.1	All	All	All
Application	Mz-automation	Libiec61850	1.3.1	All	All	All
cpe:2.3:a:mz-automation:libiec61850:1.3.1:*:*:*:*:*:						
cpe:2.3:a:mz-automation:libiec61850:1.3.1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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