



Labcenter Electronics Proteus PDSPRJ File Parsing Out-Of-Bounds Write Remote Code Execution Vulnerability

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2026-5493 |
| State | PUBLISHED |
| Assigner | zdi |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-04-11 01:16:18 UTC |
| Updated | 2026-04-11 01:16:18 UTC |
| Description | Labcenter Electronics Proteus PDSPRJ File Parsing Out-Of-Bounds Write Remote Code Execution Vulnerability. This vulne |

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from zdi-disclosures@trendmicro.com

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

Problem Types: CWE-787 | CWE-787 CWE-787: Out-of-bounds Write

| Version | Source | Type | Score | Severity | Vector |
|---------|--------------------------------|-----------|-------|----------|--|
| 3.0 | zdi-disclosures@trendmicro.com | Secondary | 7.8 | HIGH | CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H |
| 3.0 | CNA | CVSS | 7.8 | HIGH | CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H |

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|---------------------------------------|---------|-------------------|---------------|
| CNA | Labcenter Electronics | Proteus | affected 8.17 SP5 | Not specified |

References

| Reference | Source | Link | Tags |
|--|--|--|---------------------|
| www.zerodayinitiative.com/advisories/ZDI-26-255 | zdi-disclosures@trendmicro.com | www.zerodayinitiative.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

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