



CVE-2015-4051

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

| | |
|------------------------|--|
| CVE | CVE-2015-4051 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2015-06-08 14:59:00 UTC |
| Updated | 2016-12-31 02:59:00 UTC |
| Description | Beckhoff IPC Diagnostics before 1.8 does not properly restrict access to functions in /config, which allows remote attackers |

Risk And Classification

Problem Types: CWE-284

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|----------|-----------------|---------|--------|---------|----------|
| Application | Beckhoff | ipc Diagnostics | All | All | All | All |

References

| Reference | Source | Link | Tags |
|--|----------|--|-----------|
| Full Disclosure: [CVE-2015-4051]: Beckhoff IPC diagnostics < 1.8 : Authentication bypass | FULLDISC | seclists.org | Exploit |
| Directory contents of /download/Document/ipc/industrial-pc | CONFIRM | ftp.beckhoff.com | Vendor |
| Beckhoff CX9020 CPU Model Remote Code Execution ≈ Packet Storm | MISC | packetstormsecurity.com | |
| Beckhoff IPC Diagnostics Authentication Bypass ≈ Packet Storm | MISC | packetstormsecurity.com | |
| Beckhoff IPC diagnostics CVE-2015-4051 Multiple Authentication Bypass Vulnerabilities | BID | www.securityfocus.com | |
| Beckhoff IPC diagnostics < 1.8 : Authentication bypass www.thesecurityfactory.be | MISC | www.thesecurityfactory.be | Exploit |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical |

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)