



CVE-2018-5441

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2018-5441 |
| State | PUBLIC |
| Assigner | ics-cert@hq.dhs.gov |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2018-01-30 20:29:00 UTC |
| Updated | 2019-10-09 23:41:00 UTC |
| Description | An Improper Validation of Integrity Check Value issue was discovered in PHOENIX CONTACT mGuard firmware versions 7 |

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------------------------------|---|---------|--------|---------|----------|
| Hardware | Phoenixcontact | Mguard Centerport | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Centerport | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Centerport Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Core Tx Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Core Tx Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Core Tx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Delta Tx/tx | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Delta Tx/tx Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Delta Tx/tx Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Delta Tx/tx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Delta Tx/tx | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Delta Tx/tx | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Delta Tx/tx Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Delta Tx/tx Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Delta Tx/tx Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Delta Tx/tx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Gt/gt | - | All | All | All |

| | | | | | | |
|------------------|----------------|----------------------------------|-----|-----|-----|-----|
| Operating System | Phoenixcontact | Mguard Gt/gt Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Gt/gt Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Gt/gt Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Gt/gt | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Gt/gt | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Gt/gt Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Gt/gt Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Gt/gt Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Gt/gt Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Pci4000 Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Pci4000 Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Pci4000 Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Pcie4000 Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Pcie4000 Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Pcie4000 Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 3g Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 3g Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs2000 3g Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 4g Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 4g Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs2000 4g Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 Tx/tx-b | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs2000 Tx/tx-b Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 Tx/tx Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs2000 Tx/tx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 Tx/tx-b | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 Tx/tx-b | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs2000 Tx/tx-b Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 Tx/tx Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2000 Tx/tx Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs2000 Tx/tx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2005 Tx Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs2005 Tx Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs2005 Tx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 3g Vpn | - | All | All | All |

| | | | | | | |
|------------------|--------------------------------|--|-----|-----|-----|-----|
| Hardware | Phoenixcontact | Mguard Rs4000 3g Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 3g Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 4g Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 4g Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 4g Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx-p | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 Tx/tx-p Firmware | All | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 Tx/tx Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn-m | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn-m Firmware | All | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx-p | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx-p | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 Tx/tx-p Firmware | All | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 Tx/tx Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn-m | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn-m | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn-m Firmware | All | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4000 Tx/tx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4004 Tx/dtx | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4004 Tx/dtx Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4004 Tx/dtx Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4004 Tx/dtx Vpn Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4004 Tx/dtx | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4004 Tx/dtx | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4004 Tx/dtx Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4004 Tx/dtx Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Rs4004 Tx/dtx Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Rs4004 Tx/dtx Vpn Firmware | All | All | All | All |

| | | | | | | |
|------------------|--------------------------------|--|-----|-----|-----|-----|
| Hardware | Phoenixcontact | Mguard Smart2 | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Smart2 | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Smart2 Firmware | All | All | All | All |
| Hardware | Phoenixcontact | Mguard Smart2 Vpn | - | All | All | All |
| Hardware | Phoenixcontact | Mguard Smart2 Vpn | - | All | All | All |
| Operating System | Phoenixcontact | Mguard Smart2 Vpn Firmware | All | All | All | All |

References

| Reference | Source | Link | Tags |
|--|---------|--|-----------------------|
| Phoenix Contact mGuard CVE-2018-5441 Local Security Bypass Vulnerability | BID | www.securityfocus.com | Third Party Advisory, |
| PHOENIX CONTACT mGuard CISA | MISC | ics-cert.us-cert.gov | Third Party Advisory, |
| PHOENIX CONTACT Advisory for mGuard products — English (USA) | CONFIRM | cert.vde.com | Patch, Third Party Ad |
| 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.

Legacy QID Mappings

[590577](#) PHOENIX CONTACT mGuard Improper Validation of Integrity Check Value Vulnerability (ICSA-18-030-01)

© [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