



# CVE-2019-13945

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2019-13945  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | productcert@siemens.com   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2019-12-12 14:15:00 UTC   |
| <b>Updated</b>         | 2020-10-09 13:35:00 UTC   |
| <b>Description</b>     | A vulnerability has been identified in SIMATIC S7-1200 CPU family (incl. SIPLUS variants) (All versions), SIMATIC S7-1200 |

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor  | Product                                 | Version | Update | Edition | Language |
|------------------|---------|---|---------|--------|---------|----------|
| Hardware         | Siemens | S7-200 Smart                            | -       | All    | All     | All      |
| Hardware         | Siemens | S7-200 Smart                            | -       | All    | All     | All      |
| Operating System | Siemens | S7-200 Smart Firmware                   | All     | All    | All     | All      |
| Operating System | Siemens | S7-200 Smart Firmware                   | All     | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-1200                         | -       | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-1200                         | -       | All    | All     | All      |
| Operating System | Siemens | Simatic S7-1200 Firmware                | All     | All    | All     | All      |
| Operating System | Siemens | Simatic S7-1200 Firmware                | All     | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr20s          | -       | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr20s          | -       | All    | All     | All      |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Cr20s Firmware | All     | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr30s          | -       | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr30s          | -       | All    | All     | All      |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Cr30s Firmware | All     | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr40           | -       | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr40           | -       | All    | All     | All      |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr40s          | -       | All    | All     | All      |

|                  |         |   |     |     |     |     |
|------------------|---------|---|-----|-----|-----|-----|
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr40s          | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Cr40s Firmware | All | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Cr40 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr60           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr60           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr60s          | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Cr60s          | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Cr60s Firmware | All | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Cr60 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Sr20           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Sr20           | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Sr20 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Sr30           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Sr30           | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Sr30 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Sr40           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Sr40           | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Sr40 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Sr60           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu Sr60           | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu Sr60 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu St20           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu St20           | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu St20 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu St30           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu St30           | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu St30 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu St40           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu St40           | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu St40 Firmware  | All | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu St60           | -   | All | All | All |
| Hardware         | Siemens | Simatic S7-200 Smart Cpu St60           | -   | All | All | All |
| Operating System | Siemens | Simatic S7-200 Smart Cpu St60 Firmware  | All | All | All | All |

## References

| Reference   | Source  | Link  | Tags                |
|---|---------|---|---------------------|
| <a href="https://cert-portal.siemens.com/productcert/pdf/ssa-686531.pdf">cert-portal.siemens.com/productcert/pdf/ssa-686531.pdf</a> | MISC    | <a href="https://cert-portal.siemens.com">cert-portal.siemens.com</a> | Vendor Advisory     |
| CVE Program record  | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                         | canonical           |
| NVD vulnerability detail  | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                       | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

© [CVE.report](https://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](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/cve).

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)