



# CVE-2011-3321

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

## Summary

|                        |                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2011-3321                                                                                                      |
| <b>State</b>           | PUBLISHED                                                                                                          |
| <b>Assigner</b>        | certcc                                                                                                             |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                       |
| <b>Published</b>       | 2011-09-16 12:35:26 UTC                                                                                            |
| <b>Updated</b>         | 2026-04-29 01:13:23 UTC                                                                                            |
| <b>Description</b>     | Heap-based buffer overflow in the Siemens WinCC Runtime Advanced Loader, as used in SIMATIC WinCC flexible Runtime |

## Risk And Classification

**Primary CVSS:** v2.0 9.3 from nvd@nist.gov

AV:N/AC:M/Au:N/C:C/I:C/A:C

**Problem Types:** CWE-119 | n/a

## CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:M/Au:N/C:C/I:C/A:C

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor  | Product                        | Version | Update | Edition | Language |
|-------------|---------|--------------------------------|---------|--------|---------|----------|
| Application | Siemens | Simatic Wincc Flexible Runtime | All     | All    | All     | All      |

|                                                                                  |         |                       |                                      |               |     |     |
|----------------------------------------------------------------------------------|---------|-----------------------|--------------------------------------|---------------|-----|-----|
| Application                                                                      | Siemens | Simatic Wincc Runtime | -                                    | All           | All | All |
| Vendor Declared Affected Products                                                |         |                       |                                      |               |     |     |
| Source                                                                           | Vendor  | Product               | Version                              | Platforms     |     |     |
| CNA                                                                              | Na      | N/a                   | affected n/a                         | Not specified |     |     |
| References                                                                       |         |                       |                                      |               |     |     |
| Reference                                                                        |         |                       | Source                               | Link          |     |     |
| SIOS                                                                             |         |                       | af854a3a-2127-422b-91ae-364da2661108 | suppo         |     |     |
| Siemens SIMATIC WinCC Runtime Loader Buffer Overflow Vulnerability - Secunia.com |         |                       | af854a3a-2127-422b-91ae-364da2661108 | secuni        |     |     |
| Access Denied                                                                    |         |                       | af854a3a-2127-422b-91ae-364da2661108 | cache.        |     |     |
| 404 - File Not Found   CISA                                                      |         |                       | af854a3a-2127-422b-91ae-364da2661108 | www.u         |     |     |
| IBM X-Force Exchange                                                             |         |                       | af854a3a-2127-422b-91ae-364da2661108 | excha         |     |     |
| CVE Program record                                                               |         |                       | CVE.ORG                              | www.c         |     |     |
| NVD vulnerability detail                                                         |         |                       | NVD                                  | nvd.ni        |     |     |
| <div><div></div><div></div></div>                                                |         |                       |                                      |               |     |     |
| No vendor comments have been submitted for this CVE.                             |         |                       |                                      |               |     |     |
| There are currently no legacy QID mappings associated with this CVE.             |         |                       |                                      |               |     |     |