



# Improper Restriction of XML External Entity Reference vulnerability in Connex Professional (Core Libraries) allows Serialized Data External Linking.

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

## Summary

<b>CVE</b>	CVE-2025-14543
<b>State</b>	PUBLISHED
<b>Assigner</b>	RTI
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-30 16:16:40 UTC
<b>Updated</b>	2026-05-04 13:02:38 UTC
<b>Description</b>	Improper Restriction of XML External Entity Reference vulnerability in Connex Professional (Core Libraries) allows Serialized Data External Linking.

## Risk And Classification

**Primary CVSS:** v4.0 8.8 HIGH from 3f572a00-62e2-4423-959a-7ea25eff1638

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**EPSS:** 0.000280000 probability, percentile 0.077410000 (date 2026-05-05)

**Problem Types:** CWE-611 | CWE-611 CWE-611 Improper Restriction of XML External Entity Reference

Version	Source	Type	Score	Severity	Vector
4.0	3f572a00-62e2-4423-959a-7ea25eff1638	Secondary	8.8	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	CVSS	8.8	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	CVSS	6.9	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
3.1	nvd@nist.gov	Primary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:H

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

None

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:H

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Rti	Connex Professional	All	All	All	All

Application	Rti	Connex Professional	All	All	All	All
Application	Rti	Connex Professional	All	All	All	All
Application	Rti	Connex Professional	All	All	All	All
Application	Rti	Connex Professional	All	All	All	All

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	RTI	Connex Professional	affected 7.4.0 7.7.0 custom	Not specified
CNA	RTI	Connex Professional	affected 7.0.0 7.3.1.1 custom	Not specified
CNA	RTI	Connex Professional	affected 6.1.0 6.1.* custom	Not specified
CNA	RTI	Connex Professional	affected 6.0.0 6.0.* custom	Not specified
CNA	RTI	Connex Professional	affected 5.3.0 5.3.* custom	Not specified
CNA	RTI	Connex Professional	affected 4.3x 5.2.* custom	Not specified

#### References

Reference	Source	Link	Tags
www.rti.com/vulnerabilities	3f572a00-62e2-4423-959a-7ea25eff1638	<a href="http://www.rti.com">www.rti.com</a>	Vendor Advisory
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://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.

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