



CVE-2015-3963

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

Summary

CVE	CVE-2015-3963
State	PUBLISHED
Assigner	icscert
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-08-04 01:59:07 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Wind River VxWorks before 5.5.1, 6.5.x through 6.7.x before 6.7.1.1, 6.8.x before 6.8.3, 6.9.x before 6.9.4.4, and 7.x before

Risk And Classification

Primary CVSS: v2.0 5.8 from nvd@nist.gov

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

Problem Types: CWE-330 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Windriver	Vxworks	All	All	All	All

Operating System	Windriver	Vxworks	All	All	All	All
Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		
References						
Reference						
VxWorks Predictable TCP Sequence Number Generation Lets Remote Users Deny Service or Spoof Connections - SecurityTracker						
Wind River VXWorks TCP Predictability Vulnerability in ICS Devices (Update B) CISA						
Wind River VxWorks CVE-2015-3963 Predictable TCP Initial Sequence Security Bypass Vulnerability						
Wind River VXWorks TCP Predictability Vulnerability in ICS Devices (Update B) CISA						
Security Notification - SAGE RTU - Download Schneider Electric						
CVE-2015-3963 VxWorks Vulnerability impacting NetApp E-Series/EF-Series SANtricity OS Controller Firmware NetApp Product Security						
Schneider Electric SAGE Remote Terminal Unit Predictable TCP Sequence Numbers Let Remote Users Spoof TCP Connections - SecurityTracker						
CVE Program record						
NVD vulnerability detail						
No vendor comments have been submitted for this CVE.						
Legacy QID Mappings						
591377 ABB Relion 670 series Version 2.0 Transmission Control Protocol (TCP) Predictability Multiple Vulnerabilities (1MRG023264)						
591383 ABB RTU500 series "Transmission Control Protocol (TCP) Predictability Multiple Vulnerabilities (ABB-VU-PGGA-1KGT090284)						
591384 ABB Relion 670 series "Transmission Control Protocol (TCP) Predictability Multiple Vulnerabilities (1MRG028797)						
591399 General Electric D20MX Transmission Control Protocol (TCP) Initial Sequence Number Vulnerability (PRBT-0375)						