



# CVE-2022-30260

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## Summary

<b>CVE</b>	CVE-2022-30260
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-12-26 06:15:00 UTC
<b>Updated</b>	2023-01-05 18:00:00 UTC
<b>Description</b>	Emerson DeltaV Distributed Control System (DCS) has insufficient verification of firmware integrity (an inadequate checksu

## Risk And Classification

**Problem Types:** CWE-345

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Hardware	Emerson	Deltav Distributed Control System Sq Controller	-	All
Operating System	Emerson	Deltav Distributed Control System Sq Controller Firmware	All	All
Hardware	Emerson	Deltav Distributed Control System Sx Controller	-	All
Operating System	Emerson	Deltav Distributed Control System Sx Controller Firmware	All	All
Hardware	Emerson	Se4002s1t2b6 High Side 40-pin Mass I/o Terminal Block	-	All
Operating System	Emerson	Se4002s1t2b6 High Side 40-pin Mass I/o Terminal Block Firmware	All	All
Hardware	Emerson	Se4003s2b4 16-pin Mass I/o Terminal Block	-	All
Operating System	Emerson	Se4003s2b4 16-pin Mass I/o Terminal Block Firmware	All	All
Hardware	Emerson	Se4003s2b524-pin Mass I/o Terminal Block	-	All
Operating System	Emerson	Se4003s2b524-pin Mass I/o Terminal Block Firmware	All	All
Hardware	Emerson	Se4017p0 H1 I/o Interface Card And Terminl Block	-	All
Operating System	Emerson	Se4017p0 H1 I/o Interface Card And Terminl Block Firmware	All	All
Hardware	Emerson	Se4017p1 H1 I/o Card With Integrated Power	-	All
Operating System	Emerson	Se4017p1 H1 I/o Card With Integrated Power Firmware	All	All
Hardware	Emerson	Se4019p0 Simplex H1 4-port Plus Fieldbus I/o Interface With Terminalblock	-	All
Operating System	Emerson	Se4019p0 Simplex H1 4-port Plus Fieldbus I/o Interface With Terminalblock Firmware	All	All
Hardware	Emerson	Se4026 Virtual I/o Module 2	-	All

Operating System	Emerson	Se4026 Virtual I/o Module 2 Firmware	All	All
Hardware	Emerson	Se4027 Virtual I/o Module 2	-	All
Operating System	Emerson	Se4027 Virtual I/o Module 2 Firmware	All	All
Hardware	Emerson	Se4032s1t2b8 High Side 40-pin Do Mass I/o Terminal Block	-	All
Operating System	Emerson	Se4032s1t2b8 High Side 40-pin Do Mass I/o Terminal Block Firmware	All	All
Hardware	Emerson	Se4037p0 H1 I/o Interface Card And Terminl Block	-	All
Operating System	Emerson	Se4037p0 H1 I/o Interface Card And Terminl Block Firmware	All	All
Hardware	Emerson	Se4037p1 Redundant H1 I/o Card With Integrated Power And Terminal Block	-	All
Operating System	Emerson	Se4037p1 Redundant H1 I/o Card With Integrated Power And Terminal Block Firmware	All	All
Hardware	Emerson	Se4039p0 Redundant H1 4-port Plus Fieldbus I/o Interface With Terminalblock	-	All
Operating System	Emerson	Se4039p0 Redundant H1 4-port Plus Fieldbus I/o Interface With Terminalblock Firmware	All	All
Hardware	Emerson	Se4052s1t2b6 High Side 40-pin Mass I/o Terminal Block	-	All
Operating System	Emerson	Se4052s1t2b6 High Side 40-pin Mass I/o Terminal Block Firmware	All	All
Hardware	Emerson	Se4082s1t2b8 High Side 40-pin Do Mass I/o Terminal Block	-	All
Operating System	Emerson	Se4082s1t2b8 High Side 40-pin Do Mass I/o Terminal Block Firmware	All	All
Hardware	Emerson	Se4100 Simplex Ethernet I/o Card Eioc Assembly	-	All
Operating System	Emerson	Se4100 Simplex Ethernet I/o Card Eioc Assembly Firmware	All	All
Hardware	Emerson	Se4101 Simplex Ethernet I/o Card Eioc Assembly	-	All
Operating System	Emerson	Se4101 Simplex Ethernet I/o Card Eioc Assembly Firmware	All	All
Hardware	Emerson	Se4801t0x Redundant Wireless I/o Card	-	All
Operating System	Emerson	Se4801t0x Redundant Wireless I/o Card Firmware	All	All
Hardware	Emerson	Ve4103 Modbus Tcp Interface For Ethernet Connected I/o Eioc	-	All
Operating System	Emerson	Ve4103 Modbus Tcp Interface For Ethernet Connected I/o Eioc Firmware	All	All
Hardware	Emerson	Ve4104 Ethernet/ip Control Tag Integration For Ethernet Connected I/o Eioc	-	All
Operating System	Emerson	Ve4104 Ethernet/ip Control Tag Integration For Ethernet Connected I/o Eioc Firmware	All	All
Hardware	Emerson	Ve4105 Ethernet/ip Interface For Ethernet Connected I/o Eioc	-	All
Operating System	Emerson	Ve4105 Ethernet/ip Interface For Ethernet Connected I/o Eioc Firmware	All	All
Hardware	Emerson	Ve4106 Opc-ua Client For Ethernet Connected I/o Eioc	-	All
Operating System	Emerson	Ve4106 Opc-ua Client For Ethernet Connected I/o Eioc Firmware	All	All
Hardware	Emerson	Ve4107 Iec 61850 Mms Interface For Ethernet Connected I/o Eioc	-	All
Operating System	Emerson	Ve4107 Iec 61850 Mms Interface For Ethernet Connected I/o Eioc Firmware	All	All

## References

Reference	Source	Link	Tags
Emerson DeltaV Distributed Control System   CISA	MISC	<a href="http://www.cisa.gov">www.cisa.gov</a>	

Blog - Forescout	MISC	<a href="http://www.forescout.com">www.forescout.com</a>	
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.

### Legacy QID Mappings

[591249](#) Emerson DeltaV Distributed Control System Multiple Vulnerabilities (ICSA-22-181-03)

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