



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Dominion Voting Systems

System: EMS Standard Server

ECO Number: 101046

ECO Description: COTS EOL component replacement to add Cisco 24-port Ethernet Switch (C1300-24T-4G)

Overview:

Added Cisco 24-port Ethernet Switch (C1300-24T-4G) due to the Cisco CBS350-24T-4G Ethernet Switch becoming commercially unavailable for purchase. Per Dominion, this product is compatible with Windows Server 2012 R2, 2016, 2019 and 2022 and is suitable for use with existing D-Suite configurations using those operating systems on the EMS Standard Servers. Product(s) Affected: EMS Standard Server

Add:

DVS PN 195-000048 ETHERNET SWITCH, 24 PORTS, 4SFP, CISCO C1300 SERIES, MANAGED

This product can be used with the following EAC-certified Democracy Suite (D-Suite) systems:
5.17 and 5.20

The product can be used with the following state-certified Democracy Suite (D-Suite) systems:
5.6, 5.6-B, 5.6-C, 5.6-D, 5.10, 5.10-A, 5.11, 5.12, 5.13, 5.13-A, 5.15, 5.16, 5.17-B, 5.17S, 5.17S.1, 5.19

Supporting Documentation:

ECO 101046 Cisco 24-port Switch (C1300-24T-4G) v2 (*Dominion ECO*)

ECO 101046 Supplemental Information (*Supplemental Information*)

catalyst-1300-admin-guide (*COTS Manufacturer Document*)

Cisco_Catalyst_C1300_DataSheet (*COTS Manufacturer Document*)

COTS Test Report - Cisco C1300-24T-4G Network Switch 5.20 EAC V2 (*Dominion COTS Report*)

COTS Test Report - Cisco C1300-24T-4G Network Switch 5.17 EAC V2 (*Dominion COTS Report*)

Engineering Recommendation:

Technical Documentation Review performed for recommendation. Dominion submitted test reports documenting successful qualification testing utilizing the new component. Pro V&V determined change should not adversely affect system reliability, functionality, capability, or operation. No change to firmware/software is required. Per DVS, there is no impact to election official documentation. No additional testing is required.

Pro V&V evaluated this ECO under Section 3.3.3 COTS Replacement of the Voting System Testing and Certification VVSG Lifecycle Policy.

Engineering Analysis: De Minimis

Reviewer:

Wendy Owens

Printed Name

Wendy Owens

Signature

04/10/2025

Date

Approver:

Michael L. Walker

Printed Name

Michael L. Walker

Signature

04/10/2025

Date