



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Dominion Voting Systems

System: EMS Standard Server

ECO Number: 101047

ECO Description: COTS EOL component replacement to add Cisco 8-port Ethernet Switch (C1300-8T-E-2G)

Overview:

Added Cisco 8-port Ethernet Switch (C1300-8T-E-2G) due to the Cisco CBS350-8T-E-2G Ethernet Switch becoming commercially unavailable for purchase. Per Dominion, this has been tested with Windows 10 and 11 Pro and is suitable for use with existing D-Suite configurations using that operating system on the EMS Express Servers.

Product(s) Affected: EMS Standard Server

Add:

DVS PN 195-000047 ETHERNET SWITCH, 8 PORTS, 2SFP, CISCO C1300 SERIES, MANAGED

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

EAC: 5.17, and 5.20

State: 5.5S, 5.5-BT, 5.5-CS, 5.5-DS, 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 101047 Cisco 8-port Switch (C1300-8T-E-2G) v3 (Dominion ECO)

ECO 101047 Supplemental Information v2 (Supplemental Information)

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

Cisco_Catalyst_C1300_DataSheet (COTS Manufacturer Document)

COTS Test Report - Cisco C1300-8T-E-2G Network Switch w 5.17 EAC (Dominion COTS Report)

COTS Test Report - Cisco C1300-8T-E-2G Network Switch w 5.20 EAC (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