



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Dominion Voting Systems

System: Democracy Suite (D-Suite) EMS Client Workstation and ADJ Client Workstation

ECO Number: 100719

ECO Description: Added DELL Precision 3440 XE computer as an EMS Client Workstation and ADJ Client Workstation configuration due to the DELL Precision T3420, 3430, and 3431 computers becoming commercially unavailable for purchase.

Overview:

Added DELL Precision 3440 XE computer as an EMS and ADJ Client Workstation configuration due to the DELL Precision T3420, 3430, and 3431 computers becoming commercially unavailable for purchase. This product has been tested with Windows 10 Pro and is suitable for use with existing D-Suite configurations using Windows 10 Pro on the EMS Client Workstations and ADJ Client Workstations.

Products Affected: EMS Client Workstation and ADJ Client Workstation

Add:
EMS/ADJ Client Workstation
DVS PN 198-000076 DELL PRECISION CLIENT-ADJ WORKSTATION 3440 XE SFF 16GB RAM, 500GB HDD, WIN 10 PRO

This computer configuration can be used with the following EAC certified Democracy Suite (D-Suite) system:
5.5, 5.5-A, 5.5-B, 5.5-C

The computer can be used with the following state certified Democracy Suite (D-Suite) system:
5.5S, 5.5-A(GA), 5.5-BT, 5.5-CS, 5.4-NM, 5.6-B, 5.6-C, 5.7, 5.7-A, 5.12-LA, 5.12-NV, 5.12-B, 5.10-A, 5.11-CO

Supporting Documentation:

ECO 100719 DELL Precision 3440 XE EMS-ADJ Client Workstation.pdf (*Dominion ECO*)
COTS - Precision 3440 XE as EMS and Adjudication Client Workstation.pdf (*Dominion System Integration COTS Qualification Test Report*)
Qualification for Precision 3440 XE as EMS_ADJ Client-TestRail.pdf (*Dominion COTS Qualification Testing Results*)
198-000076 Dell 3440 XE EMS - Adj Client as Tested 11Aug2020.xlsx (*Test Configuration Details*)

Engineering Recommendation:

Technical Documentation Review performed for recommendation. Dominion submitted System Integration and Qualification test results for review (*See Supporting Documentation*). Replacement component is comparable to current component in form fit, and function; also (per Dominion), replacement component has more of a production life expectancy. After review, Pro V&V recommends that no additional testing is required.

Engineering Analysis: De Minimis - No Testing Required

(Signatures on following page)

Reviewer:

Wendy Owens

Printed Name

Wendy Owens

Signature

12/02/2020

Date

Approver:

Michael L. Walker

Printed Name

Michael L. Walker

Signature

12/02/2020

Date