ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer:	Dominion Voting Systems
System:	Democracy Suite (D-Suite) EMS Express Server
ECO Number:	100718
ECO Description:	Added DELL Precision 3440 XE computer an EMS Express Server 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 Express Server 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 Express Servers. Products Affected: EMS Express Server

Add:
EMS Express Server
DVS PN 198-000075 DELL PRECISION 3440 XE, SFF, 16GB RAM, 2 X 500GB HDD, RAID 1, 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 100718 DELL Precision 3440 XE EMS Express Server.pdf *(Dominion ECO)*
COTS - Precision 3440 XE as EMS Express Server.pdf *(Dominion System Integration COTS Qualification Test Report)*
Qualification for Precision 3440 XE as Express Server-TestRail.pdf *(Dominion COTS Qualification Testing Results)*
198-000075 Dell 3440 XE - Express Server as Tested.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

Reviewer:	Approver:
Wendy Owens	Michael L. Walker
Printed Name	Printed Name
Wendy Owens	*Michael L. Walker*
Signature	Signature
12/02/2020	12/02/2020
Date	Date