

**ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM****Manufacturer:** Dominion Voting Systems**System:** EMS Express Server**ECO Number:** 100829**ECO Description:** Added DELL Precision 3450 XE computer as an EMS Express Server configuration due to the DELL Precision T3420, 3430, 3431, and 3440 XE computers becoming commercially unavailable for purchase.**Overview:**

Added DELL Precision 3450 XE computer as an EMS Express Server configuration due to the DELL Precision T3420, 3430, 3431, and 3440 XE computers becoming commercially unavailable for purchase. This product has been tested and is suitable for use with Windows 10 Pro (Version 1909) on the EMS Express Server of existing D-Suite configurations.

Products Affected: EMS Express Server

Add: EMS Express Server

DVS PN 198-000087 DELL PRECISION 3450 XE, SFF, 16GB RAM, 2 X 500GB HDD, WIN 10 PRO

Per Dominion, this computer configuration can be used with the following Democracy Suite (D-Suite) systems:

EAC certified: 5.5, 5.5-A, 5.5-B, 5.5-C

State certified: 5.5S, 5.5-A(GA), 5.5-BT, 5.5-CS, 5.4-NM, 5.6-B, 5.6-C, 5.6-D, 5.7, 5.7-A, 5.12-LA, 5.12-NV, 5.12-B, 5.10-A, 5.11-CO, 5.13

Supporting Documentation:ECO 100829 DELL Precision 3450 XE EMS Express Server.pdf (*Dominion ECO*)

198-000087_Dell_Precision_3450_XE_-_EMS_and_ICL_Express_Server_as_Testesd_18Aug21.xlsx

precision-3450 Service Manual.pdf

precision-3450-workstation setup and specifications.pdf

SIT COTS Report - Dell 3450 XE as Express Server - 5.5-D.pdf (*Dominion Test Results Report*)**Engineering Recommendation:**

Technical Documentation Review performed for recommendation. Dominion submitted test results for COTS qualification testing. All tests were completed successfully. Pro V&V determined change should not adversely affect system reliability, functionality, capability, or operation. No additional testing is required.

Engineering Analysis: De Minimis**Reviewer:**

Wendy Owens

Printed Name

Signature

03/22/2022

Date

Approver:

Michael L Walker

Printed Name

Signature

03/22/2022

Date