



ENGINEER CHANGE ORDER (ECO)/ENGINEERING CHANGE REQUEST (ECR) ANALYSIS FORM

Manufacturer:	Clear Ballot Group (CBG)
System:	ClearVote 2.5
ECR Number:	ECO-COTS-CV25-4 Dell Pro Micro Desktop
ECR Description:	Add Dell Pro Micro Desktop device as COTS Design, Count, and ScanStation to ClearVote 2.5

Overview:

This ECO documents a minor change order request to ClearVote 2.5 to add a Dell Pro MicroDesktop device as a COTS Design, Count, and ScanStation to ClearVote 2.5 due to the end of production life status for the current model (Dell Optiplex XE4 SFF). Clear Ballot Group requests engineering change order (ECO) approval to add the alternate component for the ClearVote 2.5 system. This change affects the following certified system(s): EAC - ClearVote 2.5

Current Model: Dell Optiplex XE4 SFF

Replacement Model: Dell Pro Micro Desktop

Supporting Documentation:

Cover Letter (Minor Change) ECO-COTS-CV25-4 Dell Pro Micro Desktop (*CBG ECO Cover Letter*)

ECO-COTS-CV25-4 Dell Micro Desktop (*Engineering Change Request Form*)

dell-pro-micro-desktop-intel-product-brochure, Optiplex_XE4_Spec_Sheet, and optiplex-xe4-ss-en-us (*COTS Spec Sheets*)

Clear Ballot - Dell Micro, Count AdminStation Smoke, Fujitsu fi-6400 correctly scans ballots into ClearCount, Fujitsu fi-7800 correctly scans ballots into ClearCount, Test Execution Report for 2.5 Dell Pro Micro serial # QCM1250, and Windows 10 IoT installation cases (*CBG QA Artifacts*)

Engineering Recommendation:

Reviewed submitted supporting technical documentation, including *COTS Spec Sheets* and *CBG QA Artifacts*, to determine disposition. Submitted component is comparable in form, fit, and function to current model. Use of new component should not adversely impact system reliability, functionality, capability, safety, security, or operation. Pro V&V recommends the alternate component be approved for use with the ClearVote 2.5 system with no additional testing required.

CBG has determined the following documentation changes will be implemented upon EAC approval of this request: update the ClearVote 2.5 3rd party COTS product document to include the successor Dell device.

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: Minor Change – No additional testing required

Reviewer:	Approver:
Wendy Owens Printed Name	Michael L. Walker Printed Name
 Signature	 Signature
12/23/2025 Date	12/23/2025 Date