



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

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| Manufacturer: | Clear Ballot Group (CBG) |
| System: | ClearVote 2.5 |
| ECR Number: | ECO-COTS-CV25-2 Dell Pro 16 PC16250 |
| ECR Description: | Dell Pro 16 device as a COTS Design, Count, and ScanStation to ClearVote 2.5 |

Overview:

This ECO documents a minor change order request to add a Dell Pro 16 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 Latitude 5550). 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 Latitude 5550

Replacement Model: Pro Series 16 PC16250

Supporting Documentation:

Pro V&V Cover Letter (Minor Change) ECO-COTS-CV25-2 Dell Pro 16 PC16250 (*CBG ECO Cover Letter*)

ECO-COTS-CV25-2-Dell Pro 16 PC16250_PVV_ECR (*Engineering Change Request Form*)

Dell Pro 14-16-Specification, Dell Pro 16 Product Compliance Datasheet (1), and Dell Pro 16 (*New component COTS Datasheet and Configuration*)

latitude-5550-owners-manual-en-us and latitude-5550-safety data sheet (*Current component COTS Datasheets*)

2.5_CoTS_TestCases_Dell Pro 16 PC16250 - Serial #3H9DKD4 and 2.5_Cots_TER_Dell Pro 16 PC16250 - Serial #3H9DKD4 (*QA Artifacts*)

Engineering Recommendation:

Reviewed submitted supporting technical documentation, including *COTS Datasheets* 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 | Michael L. Walker |
| Printed Name | Printed Name |
| <u>Wendy Owens</u> | <u>Michael L. Walker</u> |
| Signature | Signature |
| 01/16/2025 | 01/16/2025 |
| Date | Date |