



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

Manufacturer:	Clear Ballot Group (CBG)
System:	ClearVote 2.3
ECR Number:	COTS-117
ECR Description:	ClearVote Design, Count, and ScanStations End-of-Life Component

Overview:

This ECO documents a minor change order request to ClearVote 2.3. The Dell R440 Server certified under this system has come to its end of production life, and CBG is seeking the EAC’s approval for a de minimis upgrade to the newer generation Dell R450 Server. Clear Ballot Group requests de minimis engineering change order (ECO) approval to add alternate component for CBG clients affected in the following states: KS,OH,OR,PA,WA, and WI. CBG is requesting the Dell R450 Server be certified for use with the ClearVote 2.3 version release as a Design Server and/or as a Count Server (formerly known as ScanServer). This change affects the following certified systems: EAC - ClearVote 2.3

Current Model: Dell R440
 Replacement Model: Dell R450

Supporting Documentation:

- Pro V&V Cover Letter (Minor Change) COTS-117 (*CBG ECO Cover Letter*)
- ECO.Request.Form.COTS-117v2 (Lenovo ThinkPad) (*ECO Request Form*)
- poweredge-r440-spec-sheet (*Current Component Specifications*)
- Dell-EMC-PowerEdge-R450-Spec-Sheet (*Replacement Component Specifications*)
- Dell-EMC-PowerEdge-R450-Technical-Guide (*Replacement Component Technical Guide*)
- R450 Servers on 2.3_TestReport (*CBG Testing*)

Engineering Recommendation:

Reviewed submitted supporting technical documentation to determine disposition. Alternate 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 2.3 system with no testing required.

CBG has determined the following documentation changes will be implemented upon approval of this request: update the ClearVote 2.3 APL to include the Dell R450 Server computer and the 3rd party COTS product document library.

Engineering Analysis: De Minimis – No additional testing required

Reviewer:

_____ Wendy Owens
 Printed Name

_____ Wendy Owens
 Signature

_____ 05/04/2023
 Date

Approver:

_____ Michael L. Walker
 Printed Name

_____ Michael L. Walker
 Signature

_____ 05/04/2023
 Date