



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

**Manufacturer:** Clear Ballot Group (CBG)

**System:** ClearVote 2.5

**ECR Number:** ECO-COTS-CV25-7 HPE ProLiant Compute DL360 Gen 12

**ECR Description:** HPE ProLiant Compute DL360 Gen 12 server as a COTS DesignServer and CountServer to ClearVote 2.5

**Overview:**

This ECO documents a minor change order request to add an HPE ProLiant Compute DL360 Gen 12 Server (rack mountable) as a COTS DesignServer and CountServer to ClearVote 2.5 due to the end of production life status for the current model, Dell PowerEdge R450 Server (rack mountable). 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 PowerEdge R450 Server

Replacement Model: HPE ProLiant Compute DL360 Gen 12

**Supporting Documentation:**

ECO-COTS-CV25-7 HPE ProLiant DL360 Gen 12 CBG Cover Letter (*CBG ECO Cover Letter*)

ECO-COTS-CV25-7 HPE ProLiant DL360 Gen 12 Server CBG ECR Form (*Engineering Change Request Form*)

HPE ProLiant Compute DL360 Gen12 Server data sheet-PSN1014925643USEN, Dell-EMC-PowerEdge-R450-Technical-Guide, Dell-EMC-PowerEdge-R450-Spec-Sheet, R450 - 3-28, Side.by.Side.Comparison.Chart (*COTS Specs*)

Test\_Execution\_Report\_Server\_DL360\_SN3M1D3V111C, Test\_Case\_DL360\_SN#\_3M1D3V111C, HPE Installation Notes (*QA Artifacts*)

**Engineering Recommendation:**

Reviewed submitted supporting technical documentation, including *COTS Specs and CBG QA Artifacts*, to determine disposition. The replacement model is comparable in form, fit, and function to the current model. Pro V&V determined addition of new component does not adversely impact system reliability, functionality, capability, safety, security, or operation. No change to firmware/software is required Pro V&V recommends the replacement 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 3<sup>rd</sup> party COTS product document to include the successor HPE 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:**

Wendy Owens

Printed Name

*Wendy Owens*

Signature

04/16/2026

Date

**Approver:**

Michael L. Walker

Printed Name

*Michael L. Walker*

Signature

04/16/2026

Date