



## ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

**Manufacturer:** MicroVote

**System:** MicroVote EMS V4.3-A System

**ECO Number:** 129

**ECO Description:** End-of-Life Component Replacement

### Overview:

This ECO documents evaluation of a request to add replacement laptop (Dell Latitude 3500) to EMS V4.3-A system. Current laptops certified for EMS V4.3-A system are end-of-life. Dell Latitude 3500 is the next model to replace previous models.

### Supporting Documentation:

ECN 129 - Replacement Dell Latitude 3500 for EMS system V4.3-A.pdf (*MicroVote ECN*)  
ECN 129-Supplement.pdf (*detailed information in support of ECN*)  
DO1.3TDP-A-EMS43-A-C01-E.docx (*MicroVote full end-to-end testing plan and results*)

### Engineering Recommendation:

Technical documentation review performed to determine disposition. Replacement component is comparable in form, fit, and function to current model. It was determined that the new version will not adversely impact the certified systems. No change to firmware/software is required. MicroVote conducted full end-to-end testing on the laptop model and has confirmed system compatibility. *Additionally, Dell Latitude 3500 was used by Pro V&V during testing of EAC certified EMS V4.4 system.*

No testing required.

### Engineering Analysis: De Minimis

#### Reviewer:

Wendy Owens

Printed Name

*Wendy Owens*

Signature

07/10/2020

Date

#### Approver:

Michael L. Walker

Printed Name

*Michael L. Walker*

Signature

07/10/2020

Date