



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: MicroVote

System: MicroVote EMS V4.41 System

ECO Number: 130

ECO Description: End-of-Life Component Replacement

Overview:

This ECO documents evaluation of a request to add replacement laptop (Dell Latitude 3510) to EMS V4.41 system. Current laptops certified for EMS V4.41 system are end-of-life. Dell Latitude 3510 is the next model to replace previous models.

Supporting Documentation:

ECN 130 - Replacement Dell Latitude 3510 laptop for EMS V4.41 system.pdf (*MicroVote ECN*)
DO1.4TDP-A-EMS441-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.

No testing required.

Engineering Analysis: De Minimis

Reviewer:

Wendy Owens

Printed Name

Wendy Owens
Signature

09/15/2020

Date

Approver:

Michael L. Walker

Printed Name

Michael L. Walker
Signature

09/15/2020

Date