



ENGINEER CHANGE ORDER (ECO)/ENGINEERING CHANGE NOTICE (ECN) ANALYSIS FORM

Manufacturer:	MicroVote
System:	MicroVote EMS
ECO/ECN Number:	139
ECO/ECN Description:	Add alternate Seiko printer S445

Overview:

This ECN documents the addition of an alternate component to all MicroVote EMS versions. Previously certified Seiko printer DPU3445 is end-of-life. Seiko printer DPU-S445 is the replacement model. Per MicroVote, the Seiko DPU-S445 has been successfully used to print tally tapes internally.

Systems Affected:
All EMS Versions

Supporting Documentation:

ECN 139 (V2) - Alternate Seiko Printer S445 (*MicroVote ECN*)
Mobile Printer DPU-S445 Specification Sheet DPU-S445 (*New Component Manufacturer Specification Sheet*)
DPU3445 Printer Specification Sheet DPU3445-ENG (*Current Component Manufacturer Specification Sheet*)

Engineering Recommendation:

Based on successful technical documentation review, Pro V&V determines the submitted modification does not adversely impact the functionality, performance, accessibility, usability, safety, or security of the components or system or alter the overall configuration of the certified systems. Replacement component is comparable in form, fit, and function to current model. No change to firmware/software is required. MicroVote has successfully utilized the replacement component and has confirmed system compatibility.

No testing required.

Engineering Analysis: De Minimis – No testing required

Reviewer:

Wendy Owens
Printed Name

Wendy Owens
Signature

08/07/2024
Date

Approver:

Michael L. Walker
Printed Name

Michael L. Walker
Signature

08/07/2024
Date