



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer:	Election Systems & Software (ES&S)
System:	EVS ExpressVote XL Component
ECO Number:	ECO-1168
ECO Description:	Adding the latest ESD mitigation to older releases.

Overview:

This ECO introduces the latest ESD mitigation to older EVS releases.

These changes were reviewed and successfully functional and hardware tested by Pro V&V as part of a state effort and accepted for reuse to satisfy hardware test requirements for the EVS 6.5.0.0 test campaign currently in process. The purpose of this ECO is to certify these improvements with backwards releases.

Systems Affected:

Federal: EVS 6.0.0.0, EVS 6.0.2.0, EVS 6.0.2.1, EVS 6.0.3.0, EVS 6.0.4.0, EVS 6.0.4.3, EVS 6.0.6.0, EVS 6.1.0.0, EVS 6.1.1.0, EVS 6.2.0.0, EVS 6.3.0.0, and EVS 6.4.0.0

State: EVS 6.0.1.0, EVS 6.0.4.1, EVS 6.0.4.2, EVS 6.0.5.0, EVS 6.0.5.1, EVS 6.0.7.0, EVS 6.3.0.1, and EVS 6.4.1.0

Supporting Documentation:

ECO 1168 ORIGINAL (*ES&S Engineering Change Order*)

ECO 1168 - EAC Required Questions (*ES&S Supplemental Information*)

ECO 1168 INSTALLATION GUIDE (*ES&S Document Number 50-10055-00*)

Engineering Recommendation:

Based on successful technical documentation review and previous functional and hardware testing performed, Pro V&V determines the submitted modifications do 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. No change to firmware/software is required. Per ES&S, there is no impact to election official documentation.

Pro V&V recommends the modifications be approved for use with the EVS Systems identified above with no additional testing required.

Engineering Analysis: De Minimis – No additional testing required

<p>Reviewer:</p> <p style="text-align: center;">Wendy Owens Printed Name</p> <hr/> <p style="text-align: center;"><i>Wendy Owens</i> Signature</p> <hr/> <p style="text-align: center;">04/03/2024 Date</p>	<p>Approver:</p> <p style="text-align: center;">Michael Walker Printed Name</p> <hr/> <p style="text-align: center;"><i>Michael L Walker</i> Signature</p> <hr/> <p style="text-align: center;">04/03/2024 Date</p>
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