



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Election Systems & Software (ES&S)

System: DS300 Component

ECO Number: ECO-1182

ECO Description: Shield Retention

Overview:

This ECO introduces modifications to the DS300 Smart Card Module Kit. The purpose of the modifications is to improve kit retention on installation and to insulate the shield from electrical contact. Per ES&S, a potential issue was discovered during preventive maintenance, and the modifications were implemented as a preventive measure to reduce risks of a COTS shield failure.

Systems Affected:

Federal: EVS 6.5.0.0; EVS 6.4.0.0; and EVS 6.3.0.0

State: EVS 6.3.0.2; Florida EVS 6.3.1.0, Version 1; Florida EVS 6.3.1.0, Version 1 (Revision 3); EVS 6.4.1.0; Florida EVS 6.3.1.0, Version 1 (Revision 1); EVS 6.3.0.1; and Florida EVS 6.3.1.0, Version 1 (Revision 2)

Supporting Documentation:

ECO 1182 ORIGINAL_REV_3 (*ES&S Engineering Change Order*)

ECO 1182 - EAC Required Questions_Rev_3 (*ECO Supplemental Information*)

ECO - 1182 Images (*ES&S Images depicting before and after modifications*)

ECO - 1182 Diagram (*ES&S Drawing No. 01-097-00569, Rev. E*)

Engineering Recommendation:

Based on successful technical documentation review and supporting images, 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. Modifications to assembly kit do not change current component form, fit, or function. No change to firmware/software is required. There is no impact to election official documentation. Per ES&S, upon approval, the modification will be phased into production moving forward and added retroactively during preventative maintenance where necessary.

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

*Pro V&V evaluated this ECO under **Section 3.3.2 Bug Fix** of the Voting System Testing and Certification VVSG Lifecycle Policy.*

Engineering Analysis: Minor Change – No testing required

Reviewer:

Wendy Owens

Printed Name

Wendy Owens
Signature

12/01/2025

Date

Approver:

Michael Walker

Printed Name

Michael L. Walker
Signature

12/01/2025

Date