



Manufacturer: Election Systems & Software (ES&S)

System: EVS ExpressVote 3.0

ECO Number: ECO-1211

ECO Description: Adding the X1 controller 8GB Cfast card as a second source

Overview:

This ECO introduces a second source of 8GB CFast card for assurance of supply and demand. Per the manufacturer of the CFast card (Delkin Devices), the package assembly for the Hyperstone X1 family flash controller subcomponent will transition from Siliconware Precision Industries Co., Ltd. (SPIL) to Swissbit Berlin (SB) fab, during which there will be no production of the X1S controller 8GB Cfast card while the factory is being moved until the end of June 2026.

Systems Affected:

Federal: EVS 6.5.0.0; State: EVS 6.5.1.0, EVS 6.5.1.1, EVS 6.5.2.0

Supporting Documentation:

- ECO 1211 ORIGINAL (*ES&S Engineering Change Order*)
- EAC ECO-1211 Required Questions (*ECO Supplemental Information*)
- 412-0109-00 PCN New assembly site for X1 controller family (*Notice from manufacturer*)
- Test Case-X1 Controller Cfast Card Testing (*ES&S Test Results*)
- EPE4069 DVT Checklist Rev C (*Design Verification Checklist*)
- ECO1211_TDPAddendum_EVS6500, ESSVS_6'5'0'0_D_SysOvr_ECO1211, ESSVS_6'5'0'0_CM_L_COTSPIP_ECO1211 (*EVS 6.5.0.0 TDP Documents*)
- ECO1211_TDPAddendum_EVS6510, ESSSYS_6'5'1'0_CM_L_COTSPIP_ECO1211, ESSVS_6'5'1'0_D_SysOvr_ECO1211 (*EVS 6.5.1.0 TDP Documents*)
- ECO1211_TDPAddendum_EVS6511, ESSSYS_6'5'1'1_CM_L_COTSPIP_ECO1211, ESSVS_6'5'1'1_D_SysOvr_ECO1211 (*EVS 6.5.1.1 TDP Documents*)
- ECO1211_TDPAddendum_EVS6520, ESSVS_6'5'2'0_CM_L_COTSPIP_ECO1211, ESSVS_6'5'2'0_D_SysOvr_ECO1211 (*EVS 6.5.2.0 TDP Documents*)

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. No change to firmware/software is required. Per ES&S, there is no impact to election official documentation. Based on its review, Pro V&V recommends the modification be approved for use with the EVS Systems identified above with no testing required.

*Pro V&V evaluated this ECO under **Section 3.3.3 COTS Replacement** 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

02/09/2026

Date

Approver:

Michael Walker

Printed Name

Michael L. Walker

Signature

02/09/2026

Date