



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Dominion Voting Systems

System: Democracy Suite (D-Suite): ICX Prime

ECO Number: 100936

ECO Description: D-Suite COTS TDP Update

Overview:

Per the Customer Advisory Notice, during installation or removal of election project files, the ICX may display an error message stating, "System becomes unstable. You need to re-image Android operating system and re-install ICX application." To prevent this error, new User Manuals are being submitted that outlines steps to update the SSD firmware. These COTS documents are to be submitted as an update to the TDP:

- Avalue_HID-21V-BTX-A1R_UserManual_A3R (steel chassis)
- Avalue_HID-21V-BTX-B1R_UserManual_A1-3 (aluminum chassis)

D-Suite Systems Affected:

Federal: 5.17

State Level: 5.6-E, 5.17S, 5.17S.1, 5.17-B

Supporting Documentation:

ECO 100936 ICX Prime User Manual Update (*Dominion ECO*)

ECO 100936 Supplemental Information (*Dominion ECO Supplemental Information*)

2024-AUG-16_FINAL_CAN_ICX Prime SSD (*Dominion Customer Advisory Notice*)

HID-21V-BTX-A1R_UserManual_A3R (*COTS TDP Document: HID-21V-BTX-A1R User Manual, Revision 3.0*)

HID-21V-BTX-B1R_UserManual_A1-3 (*COTS TDP Document: HID-21V-BTX-B1R User Manual, Revision 1.3*)

ICX SSD Firmware Update Test Report (*Dominion ECO Test Report, Version 1.0*)

Engineering Recommendation:

Pro V&V conducted a review of the submitted ECO and supporting documentation to approve change. Pro V&V determined: 1) the documentation updates to be properly implemented, 2) the updates did not adversely impact system reliability, functionality, capability, or operation, and 3) the updates to be de minimis with no testing required.

This SSD Firmware version was successfully tested during the DVS D-Suite 5.20 EAC campaign.

Engineering Analysis: De Minimis – No Testing Required

Reviewer:

Wendy Owens

Printed Name

Wendy Owens

Signature

09/24/2024

Date

Approver:

Michael L. Walker

Printed Name

Michael L. Walker

Signature

09/24/2024

Date