



Manufacturer:	Dominion Voting Systems
System:	ImageCast Evolution
ECO Number:	100812
ECO Description:	Added alternate supplier for the ICE LCD-Touch Panel assembly to mitigate lead-time and availability issues with current supplier

Overview:

The ICE LCD and touch panel assembly (DVS PN 123-000593) currently assembled by Bi-Search International (BSI PN BLM185XTN01.2-V5RT_REV.C), but to mitigate lead-time issues and availability of modules assembled by vendor BSI, Dominion has added one new vendor to produce the assembly using the same identical COTS parts that are used in the BSI assembly.

Added the following vendors for producing DVS PN 123-00093:

- Avalue Technology, Inc. (Avalue PN ES-60000000080R).

Products Affected: ImageCast Evolution

Per Dominion, this product can be used with the following EAC certified Democracy Suite (D-Suite) systems: 4.14-D, 4.14-E, 5.5-B, 5.5-C

Per Dominion, the product can be used with the following state certified Democracy Suite (D-Suite) systems: 4.14-DS, 4.14.17v3, 4.14.37v1, 4.14.37v2, 4.14.37v3, 5.4-NM, 5.4-Complete, 5.5-BT, 5.5-CS, 5.10, 5.10-A

Supporting Documentation:

ECO 100812 ICE LCD Vendor.pdf (*Dominion ECO*)

ICE LCD Touch Panel ECO 100812 Change Summary.pdf (*Change Summary*)

Attachment A-1 Report File 7169005633-00.pdf

BLM185XTN01.2-V5RT_REV.C-PartList.pdf

ES-60000000080R Approval Sheet (APP-21-0531)_20211022.pdf

UZ-ICE410_0929_EMI_30_1G.pdf

UZ-ICE410_0930_CB19_1Gup.pdf

UZ-ICE410_1004_C03_conduction.pdf

UZ-ICE410_1005_CS.PDF

UZ-ICE410_1005_EFT.PDF

UZ-ICE410_1005_SURGE.PDF

UZ-ICE410_1013_RS.PDF

UZ-ICE410_ESD_V200.pdf

UZ-ICE410_0825_CB19_30_1G.pdf

UZ-ICE410_0825_CB19-Above 1G.pdf

UZ-ICE410_0908_C03.pdf

UZ-ICE410_0909_CS.PDF

UZ-ICE410_0909_EFT.PDF

UZ-ICE410_0909_SURGE.PDF

UZ-ICE410_0914_RS.PDF

UZ-ICE410_0914_RS.PDF

TR-PR150472-REV0 ECO 100812 ICE LCD Environmental Report.pdf (*NTS Hardware Test Report*)

Engineering Recommendation:

Technical Documentation Review, review of Dominion provided electrical hardware test results, and non-operational hardware testing performed and overseen by Pro V&V for recommendation. Based on testing performed, Pro V&V determined the change did not adversely affect system reliability, functionality, capability, or operation and that no additional testing is required to approve change. Pro V&V recommends adding Avalue as an alternate supplier for the ICE LCD-Touch Panel assembly.

This recommendation is based on: (1) no updates or impacts to software versions, (2) no new components being introduced, and (3) no changes are being introduced that have a reasonable or identifiable potential to impact the system's performance and compliance with the applicable voting standard.

Engineering Analysis: No Additional Testing Required**Reviewer:***Wendy Owens*

Printed Name

Wendy Owens

Signature

1/18/2022

Date

Approver:*Michael L. Walker*

Printed Name

Michael L. Walker

Signature

1/18/2022

Date