



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer:	Liberty Vote USA, Inc. (LVU)
System:	Democracy Suite (D-Suite) ImageCast Voter Activation (ICVA) Client Workstation
ECO Number:	101133
ECO Description:	Added DELL Pro 14 PC14250 laptop computer variant with no wireless network card as an ICVA client workstation configuration.

Overview:

Added DELL Pro 14 PC14250 laptop computer variant with no wireless network card as an ICVA client workstation due to the State of Ohio Revised Code Section 3506.23 Ohio that prohibits voting systems from containing any wireless communication hardware or software components, as also stated in requirement No. 4 of the Ohio Voting System Requirements Matrix. This product has been tested with Windows 10 Pro and Windows 11 Pro and is suitable for use with existing D-Suite configurations using Windows 10 Pro and 11 Pro on the ICVA Client Workstations.

Products Affected: ImageCast Voter Activation (ICVA) Client Workstation

Add:

ICVA Client Workstation
 DVS PN 190-000109 DELL Pro 14 Laptop for ICVA – No Wireless

This computer configuration can be used with the following EAC certified Democracy Suite (D-Suite) system:
 5.5, 5.5-A, 5.5-B, 5.5-C, 5.5-D, 5.17, 5.20

The computer can be used with the following state certified Democracy Suite (D-Suite) system:
 5.5S, 5.5-BT, 5.5-CS, 5.5-DS, 5.6, 5.6-B, 5.6-C, 5.6-D, 5.6-E, 5.7, 5.7-A, 5.10, 5.10-A, 5.11, 5.12, 5.12-A, 5.12-B, 5.13, 5.13-A, 5.15, 5.16, 5.17-B, 5.17S, 5.17S.1, 5.19, 5.20S

Supporting Documentation:

- ECO 101133 DELL Pro 14 ICVA Laptop - no Wireless (*Liberty Vote USA ECO*)
- ECO 101133 Supplemental Information
- LVU SIT Report - Dell Pro 14 ICVA - 5.17 EAC - No Wireless (*SIT COTS Qualification Test Report*)
- LVU SIT Report - Dell Pro 14 ICVA - 5.20 EAC - No Wireless (*SIT COTS Qualification Test Report*)
- 190-000109_Dell_Pro_14_(no_WLAN)_ICVA-RTM-MBP_Laptop_as_Tested_14Oct2025 (*Test Configuration Details*)
- dell-pro-14-pc14250-owners-manual-en-us (*Owner's Manual*)
- Ohio Revised Code Section 3506.23 Voting machines not to be connected to internet (*Ohio Legislative Service Commission Document #233063*)
- Ohio Voting System Requirements Matrix

Engineering Recommendation:

Technical Documentation Review performed for recommendation. LVU submitted test reports documenting successful qualification testing utilizing the new component. Per LVU, there is no impact to election official documentation; however, this change requires an update to future COTS component listing in the Democracy Suite® Configuration Management Plan document.

Pro V&V determined change does not adversely affect system reliability, functionality, capability, or operation. No change to firmware/software is required. No additional testing is required.

Pro V&V evaluated this ECO under **Section 3.3.4 Jurisdictional Rules Change of the Voting System Testing and Certification VVSG Lifecycle Policy**.

Engineering Analysis: Minor change - No additional testing required

Reviewer:

Wendy Owens

Printed Name

Wendy Owens

Signature

03/09/2026

Date

Approver:

Michael L. Walker

Printed Name

Michael L. Walker

Signature

03/09/2026

Date