

SLI Compliance Engineering Change Evaluation and Review Form

Vendor:	Hart InterCivic	Date:	5/26/2026
Change ID:	ECO-01781	System(s):	All Verity Versions
Product:	16GB vDrive		

Change Summary Description	
<p>Summary Description: ECO-01781 accommodates the following:</p> <p>The 8GB vDrive component used in all versions of the Verity Voting system is now End-of-Life (EOL). This ECO provides data to support the use of the 16GB vDrive, which is currently in use for Verity Vanguard systems.</p> <p>The vDrives are Industrial Grade flash drives manufactured by Apacer Technology Inc. and both capacities are the same model but with a different custom case color to allow for easy identification.</p> <p>There are no changes to workstation or device software to accommodate this change.</p> <p>The scope is all Verity Voting system versions.</p> <p>Reason for Change: Accommodate the EOL of a system component.</p> <p>ECO Category: EOL/Equivalent Replacement</p>	
Reference Documents:	
<ul style="list-style-type: none"> EAC Voting System Testing and Certification Program Manual, Version 3.0 Sec 3.5.1 EAC 2005 Voluntary Voting Systems Guidelines (VVSG) Vol II, Sec 1.7.2 NOC 12-01 Clarification of COTS Product Equivalency for De Minimis Change 	
Documentation used in SLI's Assessment:	
<ul style="list-style-type: none"> ECO-01781 Summary - Support 16GB vDrive in Verity 4005862 A00.pdf Apacer_Industrial_USB_UV110-UFD6_vDrive_8GB_Spec.pdf Apacer_Industrial_USB_UV110-UFD6_vDrive_16GB_Spec.pdf ECO-01781 EMC Test Report 4005861 A00.pdf 	
Change Evaluation	Comments
<input type="checkbox"/> The change affects the form, fit or function of the equipment and therefore requires hardware testing to be performed. The testing requirements are defined in the Hardware Test Matrix table below. Any changes made to a system under test will result in the manufacturer supplying a list and detailed description of all changes.	N/A
<input checked="" type="checkbox"/> Minor change order: A minor change order is a change to a certified voting system's hardware, software, Technical Data Package (TDP), or data, the nature of which will not materially alter the system's reliability, functionality, capability, or operation.	This change does not materially alter the system's reliability, functionality, capability, or operation of the certified devices.
<input checked="" type="checkbox"/> System documentation: The manufacturer has provided a description of how this change will impact any relevant system documentation and has provided the updated documentation, if applicable.	Documentation will not be updated until vendor receives approval from the EAC.
<input type="checkbox"/> The change provides closure for an issue encountered during testing.	N/A
<input type="checkbox"/> Requires Evaluation from a EMC/EMI Test Lab	N/A
<input type="checkbox"/> Requires Evaluation from a NRTL Test Lab	N/A




Summary Comments

A comparison was done with the Apacer documentation to verify no major changes occurred between the 8gb and 16gb models. Hart also completed their own electrical emissions testing comparing the 8gb and 16gb models and found no major differences. Their EMC test report was reviewed and determined to be adequate. Testing has also been done by SLI on the 16gb models used during the Vanguard 1.0 testing campaign, including further electrical/environmental testing.

No changes to workstation or device software are needed to accommodate this change.

SLI Compliance performed additional analysis/testing by running an election cycle using only the 16GB model 2007070 vDrives on the Verity 2.7.8 equipment. All devices were exercised and a total of 100 ballots were scanned and uploaded into Verity Count for tabulation.

As required under section 3.5.1 of the EAC'S Voting System Testing and Certification Program Manual Version 3.0 and in accordance with the instruction provided in NOC 12-01: Clarification of COTS Product Equivalency for De Minimis Change, SLI Compliance considers the nature of ECO-01781 to be minor and therefore not to affect the Federal certification status of all Verity Voting systems. No additional testing is required.

	Approved by/Title	Signature:	Date:
	Steve Ramage Hardware Test Engineer	<i>Steve Ramage</i>	5/26/2026
	Michael D. Santos Director, SLI Compliance	<i>Michael D. Santos</i>	5/26/2026