

SLI Compliance Engineering Change Evaluation and Review Form

Vendor:	Hart InterCivic	Date:	9/30/2025
Change ID:	ECO-01720	System(s):	Vanguard 1.0
Product:	TDP		

Change Summary Description		
Summary Description: ECO-01720 is created to make the following changes to the Verity Vanguard Manual Application Hash Validation Process Document (Vanguard Manual Application Hash Validation 1000828 A01): - Update workstation manual process to provide a manually produced output that can be more easily compared to the hash values obtained from the EAC's national repository. - Reformatting for readability and usability. - Errata corrections. The changes described in this ECO make no modifications to any electronic, software, or firmware components. The ECO is applicable to the Verity Vanguard 1.0 TDP only. Reason for Change: To incorporate method for hashing workstation ".exe" and ".dll" files without removing from workstation. ECO Category: Documentation update		
Reference Documents:		
- EAC 2005 Voluntary Voting System Guidelines (VVSG) Vol. II, Sec. 1.7.2 - EAC Voting System Testing and Certification Program Manual Ver. 3.0, Sec. 3.5.1.		
Documentation used in SLI's Assessment:		
Vanguard Manual Application Hash Validation 1000828 A01.pdf		
Change Evaluation		Comments
☐	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
☒	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.	Update to workstation hashing procedure
☒	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.	Update to workstation hashing procedure
☐	The change provides closure for an issue encountered during testing.	N/A
☐	Requires Evaluation from a EMC/EMI Test Lab	N/A
☐	Requires Evaluation from a NRTL Test Lab	N/A



Summary Comments

1. Documentation was removed for instructions that had the user copying the Vanguard folder structure from the workstation and then hashing with COTS hardware and software.
2. Documentation was added for utilizing the workstation's operating system SHA256 algorithm to hash and store each Vanguard ".exe" and ".dll" within a file named "hash-export.csv", which can be used for verifying the hashes.

As required under section 3.5.1 of the EAC's Voting System Testing and Certification Program Manual Version 3.0, SLI Compliance considers the nature of ECO-01720 to be minor and therefore not to affect the Federal certification status for the Verity Vanguard 1.0 system. No additional testing is required.

	Approved by/Title	Signature:	Date:
	Michael D. Santos Director – VSTL, SLI Compliance	<i>Michael D. Santos</i>	9/30/2025