

SLI Compliance Engineering Change Evaluation and Review Form


Vendor:	Hart InterCivic	Date:	6/5/2024
Change ID:	ECO-01649	System(s):	Applicable Verity Releases: All
Product:	Verity devices		

Change Summary Description	
<p>Summary Description: ECO-01649 accommodate the following:</p> <ul style="list-style-type: none"> ▪ The End-of-Life notice of the Brother PJ-723 thermal printer used within the Verity Touch Writer Duo series of devices. The product model is replaced with an equivalent model, the PJ-823. ▪ The End-of-Life notice of the Advantech CFast card used within all Verity devices. The 16GB model is no longer manufactured and is being replaced with the equivalent 32GB model from the same manufacturer. ▪ The Touch Writer Duo Printer Bracket plastic is updated to improve assembly during manufacturing. <p>Reason for Change: Accommodate supply chain challenges and improve manufacturing. ECO Category: EOL / Equivalent Replacement</p>	
Reference Documents:	
<p>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. NOC 12-01 COTS Computer Equivalency for de minimis Change</p>	
Documentation used in SLI's Assessment:	
<p>ECO-01649 Summary - COTS Components EOL & Printer Bracket Improvement 4005834 A00 Supported Documentation:</p> <ul style="list-style-type: none"> ▪ AML ▪ Assembly Drawings ▪ BOM Reports ▪ ECO-01649 EMC Test Report 4005839 A00 ▪ ECO-01649 QA Test Report for EOL Device COTS components 4005835 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 request does not materially alter the system's reliability, functionality, capability, or operation of the certified devices.



☒	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.	Supported documentation was provide for all equivalent components.
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Summary Comments
<p>There are no changes to the software.</p> <p>The COTS components are equivalent replacements from the same manufacturer.</p> <p>ECO-01649 EMC Test Report 4005839 A00 with device COTS components identifies the following Verity devices under test:</p> <ol style="list-style-type: none"> 1. Verity Controller and Verity Touch Writer Duo (x2) – Daisy-chained configuration. 2. Verity Touch Writer Duo Standalone. <ul style="list-style-type: none"> ▪ Radiated and Conducted Emissions (FCC Class B) – PASS. ▪ Radiated RF Immunity (IEC 61000-4-3) – PASS. <p>Hart’s internal QA testing as detailed in “ECO-01649 QA Test Report for EOL Device COTS components 4005835 A00” completed with no failures identified.</p> <p>Electrical and Hart’s internal QA tests pass without issue.</p> <p>SLI has assessed the proposed changes in ECO-01649 including supporting documentation. The requested change does not affect the system’s reliability, functionality, capability, or operation.</p> <p>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-01649 to be Minor and therefore not to affect the Federal certification status for all applicable Verity releases. No additional testing is required.</p>

	Approved by/Title	Signature:	Date:
	Darrick E. Forester Hardware Test Engineer	<i>Darrick E Forester</i>	6/5/2024
	Michael D. Santos Director	<i>Michael D. Santos</i>	6/5/2024

