

SLI Compliance Engineering Change Evaluation and Review Form


Vendor:	Hart InterCivic	Date:	4/21/2025
Change ID:	ECO-01679	System(s):	2.7.6 (becomes 2.7.6a)
Product:	Verity Scan and Verity Scan with Relay		

Change Summary Description	
<p>Summary Description:</p> <p>ECO-01679 accommodates the following:</p> <p>The End-of-Life notice of the roller used for maintenance of the PageScan4 scanner mechanism. The PageScan4 scanner mechanism is used in the 1204 tablet assembly versions of the Verity Scan and Verity Scan with Relay devices.</p> <p>The new roller to be used in the PageScan4 is the same as is in use for the PageScan5 mechanism, which is used in the most current models of the Verity Scan and Verity Scan with Relay products.</p> <p>Due to roller material differences, Verity will be required to compensate for the page length by 2% to account for the variance when scanning when using the roller designed for the PageScan5 within the PageScan4.</p> <p>This requires a software change to a single file, which Hart will only make to the Verity Voting 2.7 system.</p> <p>This ECO is then applicable to the following devices:</p> <ul style="list-style-type: none"> • Verity Scan 2.7.6 (1204 tablet version) • Verity Scan with Relay 2.7.6 (1204 Tablet version) <p>Version numbers will be updated to 2.7.6a to accommodate this change.</p> <p>Reason for Change: The continued use and maintenance of fielded Verity Scan and Verity Scan with Relay devices that contain the PageScan4 scanner mechanism.</p> <p>ECO Category: EOL / Equivalent Replacement</p>	
Reference Documents:	
<ul style="list-style-type: none"> • 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 	
Documentation used in SLI's Assessment:	
<ul style="list-style-type: none"> • ECO-01679 QA Test Report for Verity 2.7.6A 4005846 A00.pdf • ECO-01679 Summary - Length Adjustment due to PageScan4 Scanner Roller EOL 4005845 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.



<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.	Supported documentation was provided for all equivalent components
<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
<p>ECO-01679 affects Verity 2.7.6 only. Scan software is updated to 2.7.6a to accommodate the change.</p> <p>The testing, as detailed in Hart's internal 'ECO-01679 QA Test Report for Verity 2.7.6A 4005846 A00' provides sufficient coverage to accommodate this modification. The PageScan4 Scan and Scan with Relay devices with PageScan5 rollers successfully and reliably scanned ballots across all paper sizes and across multiple units. The regression testing confirmed that no new issues were introduced.</p> <p>Source Code Review verified that all changes found were related to how the system handled rollers.</p> <p>SLI Compliance performed additional analysis / testing by scanning:</p> <p>100 ballots 8.5x11"</p> <p>100 ballots 8.5x14"</p> <p>100 ballots 8.5x17"</p> <p>100 ballots 8.5x20"</p> <p>100 ballots 8.5x22"</p> <p>Scanning was done on both 'Scan' and 'Scan with Relay' devices loaded with 2.7.6a software.</p> <p>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 19-01: Software De Minimis Changes, SLI Compliance considers the nature of ECO-01679 to be minor and therefore not to affect the Federal certification status for the Verity Voting 2.7 system. No additional testing is required.</p>

	Approved by/Title	Signature:	Date:
	Darrick Forester Hardware Test Engineer	<i>Darrick Forester</i>	April 22, 2025
	Michael D. Santos Director	<i>Michael D. Santos</i>	4/23/2025