From the Vendor Trace document or declaration, identify all documents that pertain to the **System Functionality Description**. Each submitted (Vol. 1, Sect. 1.1) Technical Data Package document (Vol.2 Sect. 6.6) is reviewed (Vol. 1, Sect. 1.6.2.2).

Note about revisions: The first time a review form is completed, the form revision number is 01. As the review process continues, newer versions of vendor documents, or additional documents, will be submitted to close discrepancies. Each time new versions of documents are examined, the review form is saved with a new revision number. Save the form with the new revision (Save As) before you update the document names, versions and/or file names. Enter your name and date on the new revision.

Applicable TDP Documents table: List each applicable TDP document. Put the Title from inside the document in the first column, along with the version and date. Under "File name," copy the full document file name.

Trace Table: Verify whether the vendor correctly documented each applicable VVSG requirement listed in this template. Use the following notations to indicate results:

- **Traced** column: For each positive finding, enter the document number(s) corresponding to the **Applicable TDP Documents** Table below, with the section number(s) in each applicable document where the requirement is fulfilled. (Example: Doc. 2, Sec. 1.2)
- **Comments** column:
  - "**Y**" indicates that the document(s) fulfill the requirement.
  - "**N**" indicates that the document(s) do not fulfill the requirement.
  - "**P**" indicates that the document(s) partially fulfill the requirement
  - "**NT**" (not tested) indicates documents that are part of the system configuration but outside the scope of this certification review effort (only if not a full cert).
  - "**NS**" (not supported) indicates requirements that apply to features that are not supported in the configuration being tested (such as paper ballots).
  - Explain "**P**", "**N**", "**NT**" or "**NS**" findings here.
  - In addition, use the Comments column to enter any comments that would be helpful throughout the project.
  - **Discrepancies:**
    - List discrepancies in red
    - A Documentation discrepancy is written when a VVSG requirement is not fulfilled or is partially fulfilled in the TDP.
    - An Informational discrepancy is written when the issue is outside the scope of the certification; Informational discrepancies are provided to the client but do not preclude certification.
    - Enter the discrepancy number of any discrepancies written (from the separate discrepancy report), with a short description in the Comments column.

Vendor :	**Hart**	Reviewer(s):	Lesley Hoppert
Voting System:	**Verity 1.0**	Review Date:	12/8/2014

Applicable TDP Documents

Document Title (from cover pg), version, date	Doc #	File name
Verity System Description Technical Document Rev A.08 10/31/2014	#1	Verity System Description 4005466 A08.pdf
Verity Voting Performance Characteristics Rev A.06 9/15/2014	#2	Verity Performance Characteristics 4005497 A06.pdf
Verity Service and Maintenance Technical Reference Manual, A01, No Date Document	#3	Verity Service and Maintenance Technical Reference

Document Title (from cover pg), version, date	Doc #	File name
# 6610-001-A01		Manual 6610-001 A01.pdf
Digital Ballot Printing Specification Rev C 3/15/2007	#4	Hart Digital Ballot Print Specification.pdf
Hart InterCivic Secure Ballot Stock, Rev AS00, No Date	#5	Hart Secure Ballot Stock Specification 4005526 A00.pdf
Verity 1.0 Technical Data Package Overview Rev A.07 11/22/2014	#6	Verity 1.0 TDP Overview 4005511 A07.pdf

Trace Table

Req #	VVSG 2005 Testing Standards - Vol.2 unless otherwise specified	Traced	Comments
2	**Technical Data Package**		
2.1	**Scope**		
2.1.1	**Content and Format**		
2.1.1.1	**Required Content for Initial Certification** *(Indicate "*" if this document does not fall into the identified category of documentation.)*		
b.	At minimum, the TDP shall contain the following documentation: System functionality description;	**Doc #1** - Entire Doc.	Y
2.1.1.3	**Format**		
	The requirements for formatting the TDP are general in nature; specific format details are of the vendor's choosing. The TDP shall include a detailed table of contents for the required documents, an abstract of each document and a listing of each of the informational sections and appendices presented. A cross-index shall be provided indicating the portions of the documents that are responsive to documentation requirements for any item presented.	**Doc #6** - Entire Doc.	Y
2.1.3	**Protection of Proprietary Information**		
	The vendor shall identify all documents, or portions of documents, containing proprietary information not approved for public release. Any person or test agency receiving proprietary information shall agree to use it solely for the purpose of analyzing and testing the system, and shall agree to refrain from otherwise using	**Doc #1** - Entire Doc. **Doc #2** - Entire Doc. **Doc #3** - pg. 2 **Doc #4** - Entire Doc. **Doc #6** - Entire Doc	Y Doc #5 is not identified as proprietary within the document, but is flagged as proprietary on Doc #6 (TDP Overview)

Req #	VVSG 2005 Testing Standards - Vol.2 unless otherwise specified	Traced	Comments
	the proprietary information or disclosing it to any other person or agency without the prior written consent of the vendor, unless disclosure is legally compelled.		
2.3	**System Functionality Description**		
	The vendor shall declare the scope of the system's functional capabilities, thereby establishing the performance, design, test, manufacture, and acceptance context for the system.	**Doc #1** - Section 2.1	**Y DISC #VTY-11** The scope of the system's functional capabilities is not declared in any of the documents in this review. **CLOSED** - L. Hoppert, 12/8/14; traced to Doc "Verity System Description 4005466 A08.pdf" Section 2.1
	The vendor shall provide a listing of the system's functional processing capabilities, encompassing capabilities required by the Guidelines and any additional capabilities provided by the system. This listing shall provide a simple description of each capability. Detailed specifications shall be provided in other documentation required for the TDP.	**Doc #1** - Section 1.1 Verity Voting 1.0 - Abstract, pg. 7.	**Y**
a.	The vendor shall organize the presentation of required capabilities in a manner that corresponds to the structure and sequence of functional capabilities indicated in Volume I, Section 2. The contents of Volume I, Section 2 may be used as the basis for a checklist to indicate the specific functions provided and those not provided by the system • Security • Accuracy • Error Recovery • Integrity • System Audit • Election Management System • Vote Tabulating Program • Ballot Counter • Telecommunications • Data Retention	**Doc #1** - Table of Contents, pgs. 3-6	**Y DISC #VTY-12** All of the Relay application references need to be deleted or indicated as specific functions that are not provided by the system. Found the following references to the Relay application: Section 1.1.1 Verity Voting Configurations - Pre-voting pg. 8. Verity Central Workstation, pg. 9. Section 1.2.3 Verity Count - Tabulation Software, pg. 12. Section 1.3.3 vDrive – Electronic Media, pg. 18 (referenced 4X). Section 2.2.9 Telecommunications Security, pg. 21. Create vDrive Devices, pg. 26 Section 2.6.1.1.8 Export Election Definition,

Req #	VVSG 2005 Testing Standards - Vol.2 unless otherwise specified	Traced	Comments
			pg.26. Section 2.7.1.1.2 Recording of Cast Vote Records (CVRs), pg. 28. Section 2.8 Post-Voting Capabilities, pg. 29. Section 2.8.2 Verity Count – Tabulation Capabilities, pg. 29. Section 3.1.1.1 Operating Environment, pg. 31. Section 3.1.3.6 Importing Signed Elections, pg. 35. Section 3.2.5 Audit Logs, pg. 56. **CLOSED**, L. Hoppert, 12/8/14: Relay is no longer described in the document Verity System Description 4005466 A08 *Could not find this discrepancy in JIRA - already removed?
b.	Additional capabilities shall be clearly indicated. They may be presented using the same structure as that used for required capabilities (i.e., overall system capabilities, pre-voting functions, voting functions, post-voting functions), or may be presented in another format of the vendor's choosing.	NS	**NS**
c.	Required capabilities that may be bypassed or deactivated during installation or operation by the user shall be clearly indicated.	NS	**NS**
d.	Additional capabilities that function only when activated during installation or operation by the user shall be clearly indicated.	NS	**NS**
e.	Additional capabilities that normally are active but may be bypassed or deactivated during installation or operation by the user shall be clearly indicated.	NS	**NS**
Vol. 1, 2.2.1.3	**Ballot Production**		
ts (end)	Vendor documentation for marksense systems shall include specifications for ballot materials to ensure that	**Doc #5 -** Entire Doc **Doc #6 -** Entire Doc	**Y**

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	vote selections are read from only a single ballot at a time, without detection of marks from multiple ballots concurrently (e.g., reading of bleed-through from other ballots).		
Vol. 1, 4.1.4.2	**Paper-based Recording Requirements**		
a.iii	The Technical Data Package shall specify the required paper stock, size, shape, opacity, color, watermarks, field layout, orientation, size and style of printing, size and location of mark fields used for vote response fields and to identify unique ballot formats, placement of alignment marks, ink for printing, and folding and bleed-through limitations for preparation of ballots that are compatible with the system.	**Doc #3 -** Section 3.3 Touch Writer Printer, pg. 12 **Doc #5 -** Entire Doc **Doc #6 -** Entire Doc	**Y**
b.	Marking devices: The Technical Data Package shall specify marking devices, which, if used to make the prescribed form of mark, produce readable marked ballots such that the system meets the performance requirements for accuracy in Subsection 4.1.1. Marking devices can be either manual (such as pens or pencils) or electronic. These specifications shall identify:	**Doc #2** - Section 3.12.2 Verity Build Ballot Production Printer, pg. 16 Section 3.12.4 Verity Touch Writer Printer, pg. 17, Section 3.2.1 Verity Touch Writer, pgs. 8-9 **Doc #3** - Section 3.3 Touch Writer Printer, pg. 12	**Y**
b.i	Specific characteristics of marking devices that affect readability of marked ballots	**Doc #3** - Section 3.3 Touch Writer Printer, pg. 12	**Y** Found instructions to use blue or black pens only when hand marking ballots in the Verity Polling Place Operations Guide 6610-100-A00.pdf - Chapter 4 - Section: Working with Voters, pg. 45
b.ii	Performance capabilities with regard to each characteristic	**Doc #3** - Section 3.3 Touch Writer Printer, pg. 12	**Y**
b.iii	For marking devices manufactured by multiple external sources, a listing of sources and model numbers that are compatible with the system	**Doc #3** - Section 3.3 Touch Writer Printer, pg. 12	**Y**
c.	A frame or fixture for printed ballot cards is optional. However, if such a device is provided, it shall:		
c.i	Be of any size and shape consistent with its intended	NS	**NS**

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	use		
c.ii	Position the card properly	NS	**NS**
c.iii	Hold the ballot card securely in its proper location and orientation for voting	NS	**NS**
c.iv	Comply with the requirements for design and construction contained in Subsection 4.3	NS	**NS**
Vol. 1, 4.1.5.1	**Ballot Handling**		
a.	The capacity to convert the marks on individual ballots into signals is uniquely important to central count systems. The capacity for a central count system shall be documented by the vendor. This documentation shall include the capacity for individual components that impact the overall capacity.	**Doc #3 -** Section 4.1.3 Verity Central Capacity, pg. 19, Section 4.1.4 Verity Count Capacity, pg. 19	**Y**

End of Document