

## **[NYDOM-7] Missing records of all tests performed and 11 sections of the System Test And Verification document**

Created: 21/Jun/12 Updated: 16/Jul/12 Resolved:

08/Jul/12

<b>Status:</b>	Closed
<b>Project:</b>	<a href="#">NY-DOM Upgrade</a>
<b>Component/s:</b>	None

<b>Type:</b>	Documentation		
<b>Assignee:</b>	<a href="#">Dustin George</a>		
<b>Resolution:</b>	Validated Vendor Response	<b>Votes:</b>	0
<b>Environment:</b>	2.07 - Democracy Suite System Test And Verification Version 1.1.0::96 March 16, 2012 ImageCAST Precinct Test Specification And Reports.doc Version 3.0.4 June 28, 2011 Democracy Suite Readiness Test Procedure Version 1.0.0::89 October 4, 2011		

<b>Date:</b>	22/Jun/12
<b>Requirement:</b>	NYS Regulation - 6209.6.D.2biii (b)Technical Data The vendor shall provide the following technical data: records of all tests performed by the procedures listed above, including error correction and retest.
<b>Severity:</b>	Minor
<b>Vendor Response:</b>	2.07 - System Test and Verification Test Suites provided, and an updated version of 2.07 - System Test and Verification without the 'Document Organization' section. Please verify.

### Description

Unable to locate records of all tests performed , including error correction and retest.  
For document 2.07 - Democracy Suite System Test And Verification Version 1.1.0::96 dated March 16, 2012  
- Chapter 2 System Test and Verification Specification - Section 2.1.1.1 Test Structure, pgs. 5-6 states: All test cases can be found in the 2.07 Democracy Suite System Test and Verification Specification  
- Test Cases document. This document was not included in the the latest TDP submission of 2012 0607 D DVS-WYL  
Missing Sections in document:  
Document #1 - Chapter 1 - Introduction - Section 1.4 - Document Organization, pg. 2  
1 - Introduction  
2 - Pre-Qualification Testing  
3 - Functional Testing Overview  
4 - Detailed outline of test cases used for testing Election Event Designer (EED).  
5 - Detailed outline of test cases used for testing all functionality related to data import to Election Event Designer.  
6 - Detailed outline of test cases used for testing the conversion of election data obtained from relevant jurisdictions, and import to the Election Event Designer application.  
7 - Detailed outline of test cases used for testing all functionality of the Results and Tally Reporting application.  
8 - Detailed outline of test cases used for testing all functionality of the Audio Studio application.  
9 - Detailed outline of test cases used for testing all functionality of the ImageCast Precinct tabulator.  
10 - Detailed outline of test cases used for testing all functionality of the ImageCast Precinct tabulator with extended functionality.  
12 - Detailed outline of test cases used for testing all functionality of the ImageCast Central tabulator.

### Comments

Comment by [Margie Schirmer](#) [ 08/Jul/12 11:00 AM ]

Received the vendor response on July 6, 2012.  
Reviewed the updated System Test and Verification document, Version 1.1.0::103, dated July 5, 2012. The Document Organization section has been removed.  
Located the records of all tests performed in the submitted document, 2.07 System Test and Verification Test Suites, Version 1.2.0::3, dated January 26th, 2012.

Comment by [Dustin George](#) [ 16/Jul/12 02:19 PM ]

Closing issue per Margie's verification.

**[NYDOM-6] Missing sample ballot formats** Created: 21/Jun/12 Updated: 18/Jul/12 Resolved: 17/Jul/12

<b>Status:</b>	Closed
<b>Project:</b>	<a href="#">NY-DOM Upgrade</a>
<b>Component/s:</b>	None

<b>Type:</b>	Documentation		
<b>Assignee:</b>	<a href="#">Dustin George</a>		
<b>Resolution:</b>	Validated Vendor Response	<b>Votes:</b>	0
<b>Environment:</b>	2.07 - Democracy Suite System Test And Verification Version 1.1.0::96 March 16, 2012 ImageCAST Precinct Test Specification And Reports.doc Version 3.0.4 June 28, 2011 Democracy Suite Readiness Test Procedure Version 1.0.0::89 October 4, 2011		

<b>Date:</b>	22/Jun/12
<b>Requirement:</b>	NYS Regulation - 6209.6.D.2bii (b) Technical Data The vendor shall provide the following technical data: (ii) copies of all test cases generated for each module and integration test and sample ballot formats or other cons used for system;
<b>Severity:</b>	Minor
<b>Vendor Response:</b>	New York State Ballot Samples document is included in this submission. Please verify.

#### Description

Unable to locate sample ballot formats or other cons used for system

#### Comments

Comment by <a href="#">Margie Schirmer</a> [ 17/Jul/12 10:48 AM ]
Received vendor response on 7/12/2012
Comment by <a href="#">Margie Schirmer</a> [ 17/Jul/12 10:50 AM ]
New York State Ballot Samples - Version: 1.0.0:-2 - dated July 12, 2012 contains a sample ballot for New York State.
Comment by <a href="#">Dustin George</a> [ 18/Jul/12 11:17 AM ]
Closing Discrepancy based on Margie's verification

**[NYDOM-5] Missing description of provisions for disabled voters** Created:

21/Jun/12 Updated: 16/Jul/12 Resolved: 08/Jul/12

<b>Status:</b>	Closed
<b>Project:</b>	<a href="#">NY-DOM Upgrade</a>
<b>Component/s:</b>	None

<b>Type:</b>	Documentation		
<b>Assignee:</b>	<a href="#">Dustin George</a>		
<b>Resolution:</b>	Validated Vendor Response	<b>Votes:</b>	0
<b>Environment:</b>	2.02 - Democracy Suite System Overview Version 1.2.0::225 March 16, 2012 2.04 - Democracy Suite ImageCast Evolution Tabulator System Hardware Specification Version 1.2.0::254 March 16, 2012 2.04 - ImageCast Precinct Tabulator System Hardware Specification Version 1.1.0::67 March 16, 2012 2.0.4.1 ImageCast Evolution Tabulator System Hardware Characteristics Version 1.2.0:77 March 16, 2012 2.0.4.1 ImageCast Precinct System Hardware Characteristics Version 1.2.0:40 March 16, 2012		

<b>Date:</b>	22/Jun/12
<b>Requirement:</b>	VVSG Vol 2 Design and Construction- 2.4.2.d Paragraphs and diagrams shall be provided that describe: Human factors considerations, including provisions for access by disabled voters.
<b>Severity:</b>	Minor
<b>Vendor Response:</b>	2.04 - ICP System Hardware Specification with BMD-related content provided. As well, the Dominion Voting Usability Study provided. Please verify.

**Description**

Unable to locate paragraphs and diagrams that describe human factors considerations, including provisions for disabled voters.

**Comments**

Comment by [Margie Schirmer](#) [ 08/Jul/12 11:22 AM ]

Received vendor response on July 6, 2012.  
Reviewed submitted document 2.04 ICP System Hardware Specification, Version 1.1.0:72, dated July 5th 2012. Page 20 now contains a diagram of the BMD.  
Reviewed submitted document Usability Study, Version 1.0.0::26, dated April 23rd 2012. Section 1.2 - Full Product Description, pgs. 2-4 provide a description of human factors considerations.

Comment by [Dustin George](#) [ 16/Jul/12 02:19 PM ]

Closing issue per Margie's verification.

**[NYDOM-4] Informational - missing copies of software documentation intended for distribution to users.** Created: 21/Jun/12 Updated: 16/Jul/12 Resolved: 08/Jul/12

<b>Status:</b>	Closed
<b>Project:</b>	<a href="#">NY-DOM Upgrade</a>
<b>Component/s:</b>	None

<b>Type:</b>	Documentation		
<b>Assignee:</b>	<a href="#">Dustin George</a>		
<b>Resolution:</b>	Validated Vendor Response	<b>Votes:</b>	0
<b>Environment:</b>	Dominion Voting C C++ Coding Standard Version 1.0.0::7 September 13, 2011 2.05 - EMS Software Design And Specification Version 1.0.0:186 March 21, 2012 2.05 ImageCast Central Software Design and Specification Version 1.0.0:25 March 16, 2012 2.05 ImageCast Evolution Software Design and Specification Version 1.0.0:70 March 21, 2012 2.05 ImageCast Precinct Software Design and Specification Version 1.1.0:93 March 16, 2012		

<b>Date:</b>	22/Jun/12
<b>Requirement:</b>	NYS Regulation - 6209.6.D.3biv The vendor shall provide descriptive material and data supplementing the various sections of the body of the Software Specification. The content and arrangement of appendices shall be at the discretion of the vendor. Topics recommended for amplification and treatment in appendix form include: (iv) copies of all software documentation which is intended for distribution to users, including program listings, specifications, operator manual, user manual and software maintenance manual;
<b>Severity:</b>	Trivial
<b>Vendor Response:</b>	2.11 - Configuration Management section 'Document Configuration Items' lists the software document (i.e. 2.05 - Software Design and Specification) provided to the endusers. Provided in this submission. Please verify.

**Description**

Unable to locate copies of all software documentation which is intended for distribution to users.  
 The document: 2.05 - EMS Software Design And Specification Version 1.0.0:186 dated March 21, 2012 Appendices Section .2 Reference Documentation, page 125 - contains the following text: Please see Section ??.

**Comments**

Comment by [Margie Schirmer](#) [ 08/Jul/12 11:28 AM ]  
 Received vendor response on July 6, 2012.  
 Reviewed submitted document 2.11 Configuration Management, Version 1.2.0::155, dated July 6th 2012. Section 2.4.4 - Document Configuration Items on pg. 24 contains a list of all software documentation which is intended for distribution to users.

Comment by [Dustin George](#) [ 16/Jul/12 02:20 PM ]  
 Closing issue per Margie's verification.

## [NYDOM-3] Missing details of data elements and their specifications

Created: 21/Jun/12 Updated: 18/Jul/12 Resolved: 17/Jul/12

<b>Status:</b>	Closed
<b>Project:</b>	<a href="#">NY-DOM Upgrade</a>
<b>Component/s:</b>	None

<b>Type:</b>	Documentation		
<b>Assignee:</b>	<a href="#">Dustin George</a>		
<b>Resolution:</b>	Validated Vendor Response	<b>Votes:</b>	0
<b>Environment:</b>	Dominion Voting C C++ Coding Standard Version 1.0.0::7 September 13, 2011 2.05 - EMS Software Design And Specification Version 1.0.0:186 March 21, 2012 2.05 ImageCast Central Software Design and Specification Version 1.0.0:25 March 16, 2012 2.05 ImageCast Evolution Software Design and Specification Version 1.0.0:70 March 21, 2012 2.05 ImageCast Precinct Software Design and Specification Version 1.1.0:93 March 16, 2012		

<b>Date:</b>	22/Jun/12
<b>Requirement:</b>	VVSG Vol 2 - 2.5.7.2.h For each module and unit, the vendor shall provide the following information: If the software module is a database, provide the information described in Volume II, Section 2.5.8. VVSG Vol 2 - 2.5.8 The information provided shall include for each database or external file: Details of table, record or file contents (as applicable) to include individual data elements and their specifications, including: i. Names/identifiers; ii. Data type (alphanumeric, integer, etc.); iii. Size and format (such as length and punctuation of a character string); iv. Units of measurement (such as meters, dollars, nanoseconds); v. Range or enumeration of possible values (such as 0-99); vi. Accuracy (how correct) and precision (number of significant digits); vii. Priority, timing, frequency, volume, sequencing, and other constraints, such as whether the data element may be updated and whether business rules apply; viii. Security and privacy constraints; ix. Sources (setting/sending entities) and recipients (using/receiving entities).
<b>Severity:</b>	Minor
<b>Vendor Response:</b>	EMS Database Design Documentation is included in this submission. Please verify.

### Description

Unable to determine the details of table, record or file contents of individual data elements and their specifications. Democracy Suite EMS Database Design is not included in the TDP submission under review.

### Comments

Comment by [Margie Schirmer](#) [ 17/Jul/12 10:46 AM ]

Received vendor response on 7/12/2012

Comment by [Margie Schirmer](#) [ 17/Jul/12 10:47 AM ]

EMS Database Design Documentation - Version: 1.0.0::-2 dated July 12, 2012 - entire document, contains the details of table, recor or file contents of individual data elements and their specifications.

Comment by [Dustin George](#) [ 18/Jul/12 11:17 AM ]

Closing Discepancy based on Margie's verification

**[NYDOM-2] Missing description of software module's data** Created: 21/Jun/12

Updated: 01/Aug/12 Resolved: 01/Aug/12

<b>Status:</b>	Closed
<b>Project:</b>	<a href="#">NY-DOM Upgrade</a>
<b>Component/s:</b>	None

<b>Type:</b>	Documentation		
<b>Assignee:</b>	<a href="#">Dustin George</a>		
<b>Resolution:</b>	Validated Vendor Response	<b>Votes:</b>	0
<b>Environment:</b>	Dominion Voting C C++ Coding Standard Version 1.0.0:7 September 13, 2011 2.05 - EMS Software Design And Specification Version 1.0.0:186 March 21, 2012 2.05 ImageCast Central Software Design and Specification Version 1.0.0:25 March 16, 2012 2.05 ImageCast Evolution Software Design and Specification Version 1.0.0:70 March 21, 2012 2.05 ImageCast Precinct Software Design and Specification Version 1.1.0:93 March 16, 2012		

<b>Date:</b>	22/Jun/12
<b>Requirement:</b>	VVSG Vol 2 - 2.5.7.2.e For each module and unit, the vendor shall provide the following information: If the software module or unit contains, receives, or outputs data, a description of its inputs, outputs, and other data elements as applicable. (Section 2.5.9 describes the requirements for documenting system interfaces.) Data local to the software module or unit shall be described separately from data input to, or output from, the software module or unit;
<b>Severity:</b>	Minor
<b>Vendor Response:</b>	2.05 - EMS: Please refer to section 8.2.8 "Module Inputs, Outputs, and Other Data Elements" and the subsequent supplementary documents referred to in this section and included in this submission.  2.05 - ICP: Please refer to section 3.4 "Programming Specifications" and the subsequent supplementary documents referred to in this section and included in this submission  2.05 - ICC: Please refer to section 3.4 "Programming Specifications, and section 3.4.1 "Layers" as well as the supplementary documents referred to in this section and included in this submission.

**Description**

Unable to locate a description of each software module's inputs, outputs and other data elements. Unable to determine if data local to the software module or unit is described separately from data input to, or output from, the software module or unit.  
Individual module documentation packages not included in the TDP submission under review.

**Comments**

Comment by [Margie Schirmer](#) [ 01/Aug/12 09:08 AM ]

Received vendor response on 7/27/2012.

Comment by [Margie Schirmer](#) [ 01/Aug/12 09:25 AM ]

The changes made to the submitted document: 2.05 EMS Software Design And Specification - Section 8.2.8 Module Inputs, Outputs, and Other Data Elements, pg. 88 and reference to documents: ImageCast R Precinct Device Configuration Files Version: 1.0.0:26, dated July 27, 2012 -  
And  
Democracy Suite™ ImageCast Precinct Election Definition Files (Version 3.0.1), dated 7/26/2012 - Section 3.4. TOTAL RESULTS File Format, page 40. satisfy the Requirement VVSG Vol 2 - 2.5.7.2.e.

Comment by [Dustin George](#) [ 01/Aug/12 02:52 PM ]

Closing per Margie's verification



**[NYDOM-1] Missing results of analysis and studies** Created: 21/Jun/12 Updated: 01/Aug/12 Resolved: 01/Aug/12

<b>Status:</b>	Closed
<b>Project:</b>	<a href="#">NY-DOM Upgrade</a>
<b>Component/s:</b>	None

<b>Type:</b>	Documentation		
<b>Assignee:</b>	<a href="#">Dustin George</a>		
<b>Resolution:</b>	Validated Vendor Response	<b>Votes:</b>	0
<b>Environment:</b>	Dominion Voting C C++ Coding Standard Version 1.0.0::7 September 13, 2011 2.05 - EMS Software Design And Specification Version 1.0.0:186 March 21, 2012 2.05 ImageCast Central Software Design and Specification Version 1.0.0:25 March 16, 2012 2.05 ImageCast Evolution Software Design and Specification Version 1.0.0:70 March 21, 2012 2.05 ImageCast Precinct Software Design and Specification Version 1.1.0:93 March 16, 2012		

<b>Date:</b>	22/Jun/12
<b>Requirement:</b>	NYS Regulation - 6209.6.F.3siii Program Analysis: Provide the results of software configuration analysis, algorithm analysis and selection, timing studies and hardware interface studies reflected in the final software design and coding.
<b>Severity:</b>	Minor
<b>Vendor Response:</b>	Please refer to document 'Engineering Product and Development Process' included in this submission for details on development processes and procedures as well as examples of various studies on hardware and software selection and analysis as discussed in section 2.2.2.1 "Software and Firmware Development Preparation" and section 2.2.3.1 "Hardware and Electromechanical Design Preparation"

**Description**

Unable to locate the results of software configuration analysis, algorithm analysis and selection timing studies and hardware interface studies reflected in the final software design and coding.

**Comments**

Comment by [Margie Schirmer](#) [ 01/Aug/12 08:59 AM ]  
 Received vendor response on 7/27/2012

Comment by [Margie Schirmer](#) [ 01/Aug/12 09:05 AM ]  
 Reviewed the supplied document - Dominion Voting Engineering Product Development Process Version: 1.0.0::9 dated July 26, 2012.  
 Section 2.2.2 Software and Firmware Development Process, pgs. 3-5 describe the software configuration and algorithm analysis performed.  
 Section 2.2.3 Hardware and Electromechanical Design Process, pgs. 5-7 describe the hardware interface studies.

Comment by [Margie Schirmer](#) [ 01/Aug/12 09:07 AM ]  
 The changes made to the submitted document: Engineering Product Development Process satisfy the NYS Regulation - 6209.6.F.3siii.

Comment by [Dustin George](#) [ 01/Aug/12 02:52 PM ]  
 Closing per Margie's verification

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