WYLE TEST REPORT NO. T57381-01
APPENDIX A.11
DEFICIENCY REPORT

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
249	[Dominion T57381] Hardware	major (VVSG violation)	have not tried	2011-12-15 13:18	2012-03-19 08:35

Reporter:	michael_walker	**Platform:**	
Assigned To:		**OS:**	
Priority:	high	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary: Results Tally off by 1 vote on race during temp power

Description: After 1400 votes cast a results tally was performed to verify expected resutls and verify status of CF card after it had been replaced. The race for County Comptroller Seat A candidate Charles Place received 1 less vote than expected. All other races and totals were correct and this was the only instance of an incorrect total. The results were verified by multiple parties and data provided to Dominion to research and diagnose. Temp power testing for the ICE was halted until resolved. However ICC was not affected and temp power testing is continuing forward for ICC.

Steps To Reproduce:

Additional Information:

Attached Files: Temp Power Results Error.jpg (462 KB) *2011-12-15 13:18*

Notes

(0000227) michael_walker 2011-12-19 14:29	It was determined that the EMS low and high threshold was incorrect. Setting at 5/25 instead of Dominion recommended 12/35 setting. The ballot in question was identified and had enough visual marking in the write portion of the race to cause an overvote which caused no vote to be cast and the total to be off by 1. With the correct setting this would have been in the ambiguous mark region and returned the ballot not allowing for the overvote. The settings will be corrected and the test shall be repeated.
(0000243) jon_stevenson 2012-03-16 09:53	NOA 0000007 genereated for this issue. Details of Dominion response included below: Dominion has investigated the cited anomaly and found that the vote thresholds for the Temperature/Power test were set to values lower than current engineering requirements. When analyzing the ballot scan images from the unit that showed the anomaly, Dominion found one ballot with an overvote in the Comptroller contest (the contest with one less vote for a candidate due to an over vote). The subject ballot image and a corresponding diagnostic ballot image is attached. From the images, you can see there is a mark for Candidate "Charles Place". The determined extra vote that caused the overvote, was for the Write-In candidate. The signature area (handwritten write-in area) was processed and part of the horizontal line around the signature box was counted in as the signature. The diagnostic image shows the search area for all handwritten write-in areas with a rectangular box. The search box for the Comptroller Write-in Candidate can be seen to encompass part of a

horizontal line. With the upper threshold value incorrectly being set to a lower value, this caused a vote to be determined for the Write-In candidate. Had the threshold been properly set, the ballot would have been rejected as containing an ambiguous mark for this contest. Any ambiguous mark causes the scanner to return the ballot to the voter for a re-mark and subsequent re-scan.

Thresholds for ICE units were changed by Dominion after the Temperature/Power election project was produced. The digital files for these election projects were reviewed by both Dominion and Wyle; however, both organizations missed the incorrect threshold settings for this one election in the suite of temperature/power, volume/stress, and accuracy. Dominion has subsequently re-reviewed all election files for the correct threshold settings.

20 December 2011
Edwin Smith

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
157	[Dominion T57381] Initial Review Questions	unanalyzed	always	2010-06-03 11:43	2012-03-16 11:13

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	UDF: election project creation, the function Use Encrypted protocol is not defined in TDP
Description:	When creating an election project, the function Use Encrypted protocol is not defined in the EED User's guide ver 2.3.1
Steps To Reproduce:	
Additional Information:	
System Description	
Attached Files:	

Notes

(0000253)	Verified in final TDP submission
jon_stevenson	
2012-03-16 11:13	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
158	[Dominion T57381] Initial Review Questions	unanalyzed	always	2010-06-03 11:46	2012-03-16 11:02

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary: UDF: Political Party creation, Independent Candidate function not described in TDP

Description: When creating political parties, the Independent Candidate function is not described in the EED user's Guide ver 2.3.1

Steps To Reproduce:

Additional Information:

System Description

Attached Files:

Notes

(0000252)   Verified in final submission of TDP package

jon_stevenson

2012-03-16
11:02

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
161	[Dominion T57381] Initial Review Questions	no issue	have not tried	2010-06-08 10:29	2012-03-16 10:30

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open

Projection:	none
ETA:	none

Summary:	Incumbent option for Choice, does not show up correctly on Election Event - Choices Report
Description:	When creating or editing a choice for a contest, the choice (candidate) can be set as incumbent. When set, the choice (candidate) in the Election Event - Choices Report, should say yes under incumbent. This does not appear to work. The incumbent is still listed as no.
Steps To Reproduce:	
Additional Information:	
System Description	
Attached Files:	

Notes

(0000251)   Confirmed reports function as expected during FCA review -- EMS 4.6.04

jon_stevenson

2012-03-16
10:30

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
162	[Dominion T57381] Initial Review Questions	unanalyzed	always	2010-06-09 14:03	2012-03-16 10:28

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	Different choice prototypes in contests may have different text and font styling
Description:	Different choice prototypes in contests may have different text and font styling
Steps To Reproduce:	
Additional Information:	VVSG 2005 Vol 1 2.2.1.2 C. VVSG 2005 Vol 1 3.1.4 A.
System Description	
Attached Files:	ballotdemo.pdf (64 KB) *2010-06-10 14:46*

Notes

(0000250)   EED templating allows for uniformity of text and font styling. No issue

jon_stevenson

2012-03-16
10:28

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
163	[Dominion T57381] Initial Review Questions	no issue	always	2010-06-09 14:46	2012-03-16 10:28

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	Different political parties in contests may have different text and font styling
Description:	Different political parties in contests may have different text and font styling
Steps To Reproduce:	
Additional Information:	VVSG 2005 Vol 1 2.2.1.2 C. VVSG 2005 Vol 1 3.1.4 A.
System Description	
Attached Files:	ballotNY.pdf (156 KB) *2010-06-10 16:04*

Notes

(0000249)   EED Templating allows for uniformity of text and font styling

jon_stevenson

2012-03-16
10:28

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
155	[Dominion T57381] Initial Review Questions	no issue	have not tried	2010-06-02 14:33	2012-03-16 10:27

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0

Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	Different candidates in contests may have different text and font styling
Description:	Different candidates in contests may have different text and font styling
Steps To Reproduce:	
Additional Information:	VVSG 2005 Vol 1 2.2.1.2 C. VVSG 2005 Vol 1 3.1.4 A.
System Description	
Attached Files:	ballotdemo.pdf (64 KB) *2010-06-10 14:45*

Notes

| (0000248)
jon_stevenson
2012-03-16
10:27 | EED application allows for Choice Templates which resolves issue of uniformity of text and font styling |

Viewing Issue Advanced Details

ID:	**Category:**	**Severity:**	**Reproducibility:**	**Date Submitted:**	**Last Update:**
159	[Dominion T57381] Initial Review Questions	unanalyzed	always	2010-06-07 10:38	2012-03-16 10:24

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	Report Group - <all but Audit Log>: Create report, error saying report type must be chosen
Description:	When under Report Group - Election Project, Divisioning, Election Event, Tabulation, System Report; selecting create report when report name is set to <all>, error message is given stating that "You must choose report type." No report type setting is present, only Report name, and Transformation name.
Steps To Reproduce:	
Additional Information:	
System Description	
Attached Files:	

Notes

(0000247) jon_stevenson 2012-03-16 10:24	Verified all reports in final trusted build EMS 4.6.04, confirmed issue is resolved

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
172	[Dominion T57381] Initial Review Questions	unanalyzed	always	2010-08-30 15:56	2012-03-16 10:17

Reporter: ryan_wilson		**Platform:** EED	
Assigned To:		**OS:** Windows	
Priority: normal		**OS Version:** 0.0	
Status: resolved		**Product Version:**	
Product Build:		**Resolution:** open	
Projection: none			
ETA: none			

Summary: Project definition issue leads to error when user selects define ballots structure function. Error is not logged.

Description: While defining a ballot, when the define ballots structure function is performed, an error is displayed saying: "No ballots created. Please check project definition." This error or information, is not present in audit logs.

Steps To Reproduce:

Additional Information: It appears that this issue occurs when contests are created independently, and are not created under the office, create contests function.

System Description

Attached Files:

Notes

(0000246) jon_stevenson 2012-03-16 10:17	Issue resolved and verified in EMS source code version 4.6.04

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
231	[Dominion	minor (issue)	always	2011-09-21	2012-03-16 10:16

	T57381] Hardware			09:21	

Reporter:	jon_stevenson	**Platform:**		
Assigned To:		**OS:**		
Priority:	normal	**OS Version:**		
Status:	resolved	**Product Version:**		
Product Build:		**Resolution:**	open	
Projection:	none			
ETA:	none			

Summary: ICE 4.6.02 error while in diagnostics mode

Description: While running in diagnostics mode (Diagnostics --> Functional Test --> Test), with the option turned "ON" to mark the ballot, the ICE unit displays the following error after each ballot iteration: "Status: Scanner error detected, trying to recover".

When the option to mark the ballot is turned off, the error no longer appears.

Steps To Reproduce:

Additional Information: Dominion has sent people to diagnose and repair the unit. Will inspect all units to verify no further issues and cause.

Attached Files:

Notes

(0000245)   Issue resolved and verified in ICE source code version 4.6.04

jon_stevenson

2012-03-16
10:16

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
171	[Dominion T57381] Initial Review Questions	minor (issue)	have not tried	2010-08-16 14:28	2012-03-16 10:14

Reporter:	lynn_stewart	**Platform:**		
Assigned To:		**OS:**		
Priority:	normal	**OS Version:**		
Status:	resolved	**Product Version:**		
Product Build:		**Resolution:**	open	
Projection:	none			
ETA:	none			

Summary: Hard coded Passwords and hard coded Crypto Keys.

Description: Hard coded Passwords and hard coded Crypto Keys.

Password:
 File: PermissionManager.cs, Line: 235

'user = CreateAppUser(roleName, "dvscorp08!", roleName, roleName, true, out errorMsg);'

Crypto Key:
 File: ConnectionConfiguration.cs, Line: 130

 private String cryptoKey = "DVSCorp2007"; //Default crypto key
 private String cryptoValue = "USElection2007"; //Default crypto vector

 File: ButtonManager.cs, Line: 80

 private const String cryptoKey = "DVSCorp2007"; //Default crypto key
 private const String cryptoValue = "USElection2007"; //Default crypto vector

Steps To Reproduce:	
Additional Information:	
Attached Files:	

Notes

(0000244)   Issue resolved after multiple iterations of code base
jon_stevenson
2012-03-16 10:14

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
254	[Dominion T57381] FCA	documentation	always	2012-02-04 14:17	2012-03-16 09:16

Reporter:	jon_stevenson	**Platform:**	
Assigned To:		**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	TDP issues associated with FCA Testing
Description:	Issues to be attached at conclusion of FCA testing
Steps To Reproduce:	
Additional Information:	
Attached Files:	

Notes

(0000242) jon_stevenson 2012-03-16 09:16	TDP issues covered via NOA 0000004, see DVS Democracy Suite 4.0 Test Report for further details.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
156	[Dominion T57381] Initial Review Questions	unanalyzed	always	2010-06-03 11:40	2012-03-15 16:39

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	Users: Right click menu, print and print preview both access same function
Description:	When performing user management activities, if the user right clicks to bring up the menu, using the print, or print preview functions, both bring up the same window and function.
Steps To Reproduce:	
Additional Information:	
System Description	
Attached Files:	

There are no notes attached to this issue.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
160	[Dominion T57381] Initial Review Questions	unanalyzed	have not tried	2010-06-08 10:01	2012-03-15 16:38

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product**	

	Version:		
Product Build:		**Resolution:** open	
Projection: none			
ETA: none			

Summary:	The words "Divisioning" and "Layouting' are used in the EMS.
Description:	The words "Divisioning" and "Layouting' are used in the EMS. These do not appear to be actual words in the English Language.
Steps To Reproduce:	
Additional Information:	
System Description	
Attached Files:	

There are no notes attached to this issue.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
206	[Dominion T57381] Hardware	failure	always	2011-04-07 10:32	2012-03-15 16:36

Reporter: michael_walker	**Platform:**
Assigned To:	**OS:**
Priority: normal	**OS Version:**
Status: resolved	**Product Version:**
Product Build:	**Resolution:** open
Projection: none	
ETA: none	

Summary:	Server Failure
Description:	Rocstor server S/N SB09010157 receives an ENC Fan Fail status after about 15 minutes of running. This is a consistent error that occurs.
Steps To Reproduce:	
Additional Information:	
Attached Files:	

Notes

(0000241) jon_stevenson 2012-03-15 16:36	Returned server to manufacturer per DVS request. DVS sent a replacement server to Wyle. No further action required.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
165	[Dominion T57381] Initial Review Questions	failure	always	2010-06-11 14:05	2012-03-15 16:34

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	Report Generation in PDF format Fails
Description:	When attempting to generate reports, a windows error appears and the pdf copy of the reports fails to generate. The XML copy of the reports do generate however.
Steps To Reproduce:	
Additional Information:	Subsequent releases of EMS resolved this issue, no further action required.
System Description	
Attached Files:	reporterror.JPG (24 KB) *2010-06-11 14:15*

There are no notes attached to this issue.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
250	[Dominion T57381] Hardware	major (VVSG violation)	random	2011-12-19 14:22	2012-03-15 16:32

Reporter:	michael_walker	**Platform:**	
Assigned To:		**OS:**	
Priority:	high	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	Ballot Jam during Temp Power
Description:	While on run 2 of the temp power test an error was received on ballots 7, 14, 42, and 83 in which the admin key was inserted and the ballot which already tabulated was dropped except for Ballot 0000042. Ballot 0000042 was jammed and the paper jam resolution would not clear it. The ballot box had to be opened and the ballot pulled from transport. At this point the remaining ballots were cast and the totals were verified to be accurate. Based on the ballot hanlding issues

the test was halted. Dominion was notified and determined mechanical issues with unit ICE2P1005 and the unit will be replaced per the Dominion TDP protocol. The unit removed will have maintenance performed and be introduced back into testing for Accuracy Test. EAC has been advised and agreed to the actions taking place and requested to be kept informed.

Steps To Reproduce:

Additional Information:

Attached Files:

Notes

(0000240)	Issue resolved with ICE unit ICE2P1005, see NOA 7 for further information
jon_stevenson	
2012-03-15 16:32	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
219	[Dominion T57381] FCA	minor (issue)	unable to reproduce	2011-07-27 13:22	2012-03-15 16:30

Reporter: michael_walker		**Platform:**	
Assigned To:		**OS:**	
Priority: normal		**OS Version:**	
Status: resolved		**Product Version:**	
Product Build:		**Resolution:** open	
Projection: none			
ETA: none			

Summary: Audio voting session froze up

Description: While performing system integration on Gen-02 the user tried to back out of an auido session. The screen stated "Please wait AVS session is being terminated" and it froze at this point. The system was powered down and the election was restored at the exact point with all vote totals correct at that point. Verified no votes were lost. Syslog file was reviewed and submitted to Dominion for further review. The test was completed from that point without issue.

Steps To Reproduce:

Additional Information: The action was not able to be reproduced during testing. Testing on the audio ballot was continued from this point without issue and all reults were verified ok.

Attached Files:

Notes

(0000215)	Reported to Chris Isklander
~~jack_cobb~~	
2011-07-27 13:23	
(0000239)	Additional testing completed using Audio voting during System Integration

jon_stevenson	Test. No further action required.
2012-03-15 16:30	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
164	[Dominion T57381] Initial Review Questions	unanalyzed	sometimes	2010-06-10 15:41	2012-03-15 16:28

Reporter:	ryan_wilson	**Platform:**	EED
Assigned To:		**OS:**	Windows
Priority:	normal	**OS Version:**	0.0
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	no action required
Projection:	none		
ETA:	none		

Summary:	Ballot Preview error: acroread32.exe failed
Description:	During ballot preview, error box is displayed stating that Program Files\Adobe\Reader 9.0\Reader\AcroRd32.exe failed
Steps To Reproduce:	
Additional Information:	
System Description	
Attached Files:	balloterror.JPG (9 KB) *2010-06-11 14:15*

Notes

(0000238)	Subsequent upgrades to EED resolved issue. No further action required.
jon_stevenson	
2012-03-15 16:27	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
268	[Dominion T57381] System Integration	minor (issue)	always	2012-03-01 13:16	2012-03-15 16:25

Reporter:	michael_walker	**Platform:**	

Assigned To:		**OS:**	
Priority:	high	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary: ICC unabel to consistently read ADA ballots produced from ICE

Description: While performing System Integration the ADA ballots produced from the ICE unit were scanned into the ICC. The ICC was unable to properly read the ballots that were marked by the BMD on the ICE unit. The test was halted and Chris from Dominion was brought into the lab to witness what we were seeing from the central count unit. Several additional batches were run and we continued to receive inconsistent results. The backup ICC was loaded with the same election and witnessed the same issues. Dominion is currently in talks with Cannon who produces the scanner and trying to find answer from Canon as it appears issue on scanner side. Dominion to continue working this issue and advise. The ADA ballots were only used in this portion of testing to maintain consistent results on all units within the System Integration testing. The ICC hasa no ADA voting capability as a central count unit and the ballots were pulled from the ICE in order to complete the test deck. The ballots in question have been run back through the precinct scanners without issue. There is no declaration within the Dominion TDP stating that the ICC may or may not read this type of ballot from the BMD. This is the only attempt for this activity within the testing campaign as the ADA ballots would only be placed into a central count unit for re-count activity. The ballots are only created on the ICE unit in an accessible voting situation.

Steps To Reproduce:

Additional Information:

Attached Files:

Notes

(0000237) jon_stevenson 2012-03-15 16:25	Issue resolved by changing scanner software setting, unchecking option to Adjust Brightness. System Integration ballot re-processed with no further issues.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
248	[Dominion T57381] Hardware	minor (issue)	unable to reproduce	2011-12-15 10:22	2012-02-29 08:47

Reporter:	michael_walker	**Platform:**	
Assigned To:		**OS:**	
Priority:	high	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	CF card showing full capacity and forcing shutdown until resolved
Description:	Both of the ICE units in temp power receiving paper ballots received an error at a vote count of 1519 and then again around 1566 advising memory was low and the final message advised memory too low and the system will need to shutdown. Wyle verified the CF card in the back up slot was partitioned to only 256kb and should be over 3gb of memory. The memory cards were pulled and the results tapes were verfied. All results were accurate and verified. New CF cards were created and memory verified for the election. The temp power test continued and the CF card memory was verified at the 1500 vote cast point. The CF card showed over 3gb of available memory left. We were unable to reproduce the issue or verify what was on the card prior to burning the election.
Steps To Reproduce:	
Additional Information:	It was discovered that the backup card for the ICE unit was burned as an ICP backup card which affected the partition. Wyle duplicated this action several times to verify the issue could be duplicated. It was verified and the action of burning an ICP backup card and inserting into the ICE would cause the same issue. Wyle also verified the partition on the cards. In future release Dominion shall implement a check system to catch this issue. There were no accuracy issues with this issue and only an inconvenience of burning an additional card to continue voting. There was a graceful shutdown after 2 warnings were provided by the unit notifying of limited card space available.
Attached Files:	

There are no notes attached to this issue.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
255	[Dominion T57381] Hardware	major (VVSG violation)	always	2012-02-13 08:20	2012-02-29 08:43

Reporter:	jon_stevenson	**Platform:**	
Assigned To:		**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	Multi-feed discrepancy on Central Count scanner
Description:	Scanner settings do not allow for detection of multiple ballots fed simultaneously
Steps To Reproduce:	
Additional Information:	Identified scanner parameter to prevent multi-feed. Dominion will be addressing this as a TDP modification, adding the process for the user to create a user profile inside the Canon scanner software that includes the options required to prevent multi-feed.
Attached Files:	

Notes

(0000236)   EAC has agreed with the Dominion process and the issue has been closed.
michael_walker

2012-02-29
08:43

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
256	[Dominion T57381] System Integration	major (VVSG violation)	random	2012-02-22 12:02	2012-02-29 08:15

Reporter:	michael_walker	**Platform:**	
Assigned To:		**OS:**	
Priority:	high	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary: ATI failure with binary inputs during system integration

Description: Anomalies occurred during the first run of the System Integration Test on the ImageCast Evolution (ICE) tabulator. Summaries of each issue with Audio Tactile Interface (ATI) are provided below.

Issue 1
A repeating effect was observed when utilizing the ATI along with a binary input device (Foot switch or Sip-and-Puff).
For the Foot Switch, the expected behavior requires a "press and release" action to scroll through the list of candidates in a contest. However, a repeating effect was observed where pressing the foot switch moved the selection forward one and releasing moved the selection forward yet again.
For the Sip-and-Puff device, the expected behavior requires a "sip" action to scroll through the list of candidates in a contest. However, a repeating effect was observed when a longer than average "sip" action moved the selection forward through multiple candidates.

Issue 2
A random ATI connectivity issue was observed when utilizing the ATI along with a binary input device (Foot switch or Sip-and-Puff). The sequence of steps followed when preparing for an Accessible Voting Session were to connect the ATI Ethernet cable to the ICE tabulator, then initiate the voting session via the ICE touchscreen. At times the ATI was unresponsive after initiating the voting session, while other times ATI connectivity was properly established. The connectivity issue could be resolved by repeating the outlined sequence of steps.

Issue 3
At times while voting a ballot via the ATI along with a binary input device, the voting session would become unresponsive. This issue was observed while utilizing both the foot switches and Sip-and-Puff devices. The only resolution was to apply the security token and exit the Accessible Voting Session.
Anomalies occurred during the first run of the System Integration Test on the ImageCast Evolution (ICE) tabulator. Summaries of each issue with Audio Tactile Interface (ATI) are provided below.

Steps To Reproduce:

Additional Information: NOA 0000008 was generated and in the job folder. Dominion was notified and will be provided the NOA in order to provide a Root Cause Analysis (RCA). This issue will also be logged into the

Attached Files: EAC VRT for tracking and verification of resolution.

NOA 8 System Integration.docx (38 KB) *2012-02-22 13:31*

ATI external input failure analysis-1V0.docx (157 KB) *2012-02-29 08:14*

Notes	
(0000231) michael_walker 2012-02-24 08:29	It has been determined by Dominion there was a bug in the firmware code for the bianry input. The code was fixed and updated on the ATI unit. Full regression test on usability and accessibility is underway to confirm the fix prior to restart of system integration. Dominion to provide a root cause analysis. Issue updated on EAC VRT
(0000235) michael_walker 2012-02-29 08:14	Dominion has provided a root cause analysis and this has been attached

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
251	[Dominion T57381] FCA	major (VVSG violation)	always	2012-01-11 09:31	2012-02-24 10:37

Reporter:	michael_walker	**Platform:**	
Assigned To:		**OS:**	
Priority:	high	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary: Date and Time change not entered in Audit Log

Description: While reviewing audit logs it was noticed the Date and Time change was not logged as an entry. The Audit Log advised the button was selected and the Date/Time was updated, but no entry that it was updated or changed. This was advised to Dominion as a discrepancy. Dominion will update this in a Firmware update so this shall be logged. Dominion waiting to determine if further updates are needed prior to submitting Firmware update to resolve issue.

Steps To Reproduce:

Additional Information:

Attached Files:

Notes	
(0000234) jon_stevenson 2012-02-24 10:37	Verified after ICE firmware update (4.6.2.3) the Date and Time event was logged in the Audit Log

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
252	[Dominion T57381] FCA	major (VVSG violation)	always	2012-02-04 14:14	2012-02-24 10:35

Reporter:	jon_stevenson	**Platform:**	
Assigned To:		**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary: EED Permissions

Description: See attached

Steps To Reproduce:

Additional Information: DVS notified on 2/1/12

Attached Files: EED Permissions.msg (36 KB) *2012-02-04 14:15*

DefaultElectionProjectData_4606Final.xml (1318 KB) *2012-02-13 10:43*

Notes

(0000228) jon_stevenson 2012-02-13 08:21	Fix to be included in EMS 4.6.06
(0000230) jon_stevenson 2012-02-13 10:41	From: Dragan Djordjevic Sent: Monday, February 13, 2012 8:26 AM To: Ranko Stamatovic; Chris Iskander; Randy Elder Cc: Ed Smith Subject: RE: Permission Update Just one more note: This file should be used to update permissions in case of Wyle testers will use election projects made by previous version(s) of EED (i.e. 4.6.04) In case of they are going to use election projects made by 4.6.06 version (if they create new projects with 4.6.06 version) than they do not have to update permissions (because those project will contain the latest set of permission data) If they are going to use the old projects and to update permissions that they have to log as Techadvisor. I put more details in EMS-3082 issue description. Dragan From: Ranko Stamatovic Sent: Monday, February 13, 2012 4:15 PM To: Chris Iskander; Randy Elder Cc: Dragan Djordjevic; Ed Smith Subject: Permission Update

Hi Chris,

Attached is file with updated permissions which solves issue EMS-3082. The same file is attached to this issue.
We believe that this file should be passed to Wyle testers.

Regards,

Ranko Stamatovic | Software Engineering Manager

DOMINION VOTING
215 Spadina Avenue, Toronto, Ontario, M5T 2C7
1.866.654.8683 | DOMINIONVOTING.COM

866.654.8683 OFFICE (ext 403)
866.654.8683 CELL (ext 503)

(0000233) jon_stevenson 2012-02-24 10:34	After upgrading EMS to 4.6.07 and executing the permissions update script, found that permissions were correctly updated.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
253	[Dominion T57381] FCA	major (VVSG violation)	always	2012-02-04 14:16	2012-02-24 10:22

Reporter:	jon_stevenson	**Platform:**	
Assigned To:		**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary: Audit Log Issues

Description: ICE password visible
ICE does not record date/time event change
EMS does not record password event change

Steps To Reproduce:

Additional Information:

Attached Files: EMS Audit Log before - 020412.pdf (20 KB) *2012-02-24 10:19*
EMS Audit Log After - 022412.pdf (9 KB) *2012-02-24 10:19*

Notes

(0000229)	Fix received for ICE (ICE 4.6.2.3) and confirmed. Awaiting fix for EMS, to be arriving week of 2/13/2012 in EMS 4.6.06
jon_stevenson	
2012-02-13 08:23	
(0000232)	ICE password visible - Verified password no longer visible on ICE Audit Log
jon_stevenson	ICE does not record date/time event change - Verified date/time event change logged in ICE Audit Log
2012-02-24 10:21	EMS does not record password event change - Verified EMS Audit log now logs password event change (see attached before/after EMS logs)

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
257	[Dominion T57381] Hardware	minor (issue)	always	2012-02-22 12:07	2012-02-24 08:21

Reporter:	michael_walker	**Platform:**	
Assigned To:		**OS:**	
Priority:	high	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary: Incorrect Footswitch and does not meet labeling requirement

Description: Dominion provided Wyle with the ADA footswitch to be used in the campaign. The footswitch does not have proper labels to identify properly. In addition the foot paddles were updated and a set was not provided to Wyle. Wyle has requested the correct foot paddles to be provided. Upon receipt of these Wyle will receive them in and also take pictures to include in the PCA. The updated footswitches will also be used in system integration and also any regression testing required for the ATI from NOA 0000008.

Steps To Reproduce:

Additional Information: Dominion provided the correct rocker foot paddles. The old paddles were removed and replaced with the updated version. The items were checked in and pictures along with data was updated within the as run test plan and also PCA. the new paddles are inlcuded in the regression test of the ATI from the above mentioned NOA. These will move forward into system integration upon successful completion of regression test and be part of the certified system.

Attached Files:

There are no notes attached to this issue.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
233	[Dominion	failure	always	2011-09-27	2011-12-19 14:24

Reporter:	jon_stevenson	**Platform:**	
Assigned To:		**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	open
Projection:	none		
ETA:	none		

Summary:	ICE 4.6.02 Power Supply Failure during Lightning Surge Retest
Description:	After previously experiencing a power supply failure during the Lightning Surge test, a retest was ordered. The retest produced the same result as the first test, which was a failure at the 2 Kv @ 0 degrees level at Line1 to Neutral.
Steps To Reproduce:	
Additional Information:	Test equipment specs and test data are being provided to Dominion so they can attempt to reproduce this test in-house.
Attached Files:	

Notes

(0000222) jon_stevenson 2011-09-27 15:42	Ref VVSG 2005 Vol 1 section 4.1.2.7: a. +-2 kV AC line to line b. +-2 kV AC line to earth Ref EN 61000-4-5:1995 Section 8.2: Application of the surge in the laboratory - Number of tests: at least five positive and five negative at the selected points - All lower levels including the selected test level shall be satisfied
(0000225) michael_walker 2011-11-28 08:32	Dominion provided anotehr power supply that was tested from the same batch. The power supply was identical to previously tested. Test was repeated without issue. An NOA will be completed for this test and Dominion to provide analysis of the power supply.
(0000226) michael_walker 2011-12-19 14:24	an additional test of a random power supply was performed to ensure reliability. The test passed without issue and resolved the issue along with a write up provided by Dominion. Dominion performed additional internal testing and provided a summary of their findings which included no further issues found during testing.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
228	[Dominion T57381] FCA	documentation	always	2011-09-13 15:51	2011-09-19 10:05

Reporter:	jon_stevenson	**Platform:**	
Assigned To:		**OS:**	

Priority: normal		**OS Version:**		
Status: resolved		**Product Version:**		
Product Build:		**Resolution:** fixed		
Projection: none				
ETA: none				

Summary: EMS build failure

Description: EMS build fails when attempting to build first component EED

Steps To Reproduce:

Additional Information: Visual Studio updated from 2008 to 2010 and documentation also updated. Compliance build was completed without issue.

Attached Files: log.txt (4 KB) *2011-09-13 15:51*

> There are no notes attached to this issue.

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
166	[Dominion T57381] TDP	unanalyzed	always	2010-06-15 13:22	2011-07-27 13:26

Reporter: ryan_wilson		**Platform:**	
Assigned To: ~~jack_cobb~~		**OS:**	
Priority: normal		**OS Version:**	
Status: resolved		**Product Version:**	
Product Build:		**Resolution:** fixed	
Projection: none			
ETA: none			

Summary: ImageCast Precinct FIRMWARE Build and Install Document (Version 3 32)

Description: Fedora Core 6

Document instructs the user to download:

FC-6-i386-disc1.iso

FC-6-i386-disc2.iso

FC-6-i386-disc3.iso

from http://download.fedora.redhat.com/pub/fedora/linux/core/6/i386/iso/ [^]

This is not possible due to a name change of the website which broke the links. The files are available in the archives of the new site at:

http://archive.fedoraproject.org/pub/archive/fedora/linux/core/6/i386/iso/ [^]

An MD5 hash is needed to verify that the downloaded files match the files Dominion has.

Under the section for toolchain installation, the document refers to the DVS ImageCast Precinct Tools DVD provided by Dominion. The third-party files needed for the build may not be provided from Dominion but must be procured from the third party. The third party applications in question are:

uClinux-dist-20070130.tar.gz

Toolchain.sh

Libpng-1.2.24.tar.gz

m68k-uclinux-tools-base-gcc3.4.0-20040603.sh

m68k-uclinux-tools-c++-gcc3.4.0-20040603.sh

m68k-uclinux-tools-gdb-20040603.sh

openssl-fips-1.1.2.tar.gz

xyssl-0.9-gpl.gz

zlib-1.2.3.tar.gz

Steps To Reproduce:

Additional Information:

Attached Files:

Notes
(0000217)   Subsequent TDP/Build reviews
~~jack_cobb~~
2011-07-27 13:26

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
167	[Dominion T57381] TDP	unanalyzed	always	2010-06-15 13:23	2011-07-27 13:25

Reporter: ryan_wilson	**Platform:**		
Assigned To: ~~jack_cobb~~	**OS:**		
Priority: normal	**OS Version:**		

Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	fixed
Projection:	none		
ETA:	none		

Summary: Democracy Suite EMS Software Build Environment Install Document(Version 2.0.4)

Description: The document tells the user to install Windows XP Professional from the provided CD. After the completion of the install the user is instructed to install the following files from the EMS Tools DVD:

.NET Framework

Microsoft Visual J# 2.0 Redistributable Package

These files needed for the build may not be provided from Dominion but must be procured from the third party. An MD5 hash is needed to verify that the downloaded files match the files Dominion has.

The document next tells the user to install Visual Studio 2005 from the installation cd. After the install the user is directed to install the following files from the DVSEMS folder:

VS80sp1-KB926601-X86-ENU.exe (Visual Studio 2005 Service Pack 1)

These files needed for the build may not be provided from Dominion but must be procured from the third party. An MD5 hash is needed to verify that the downloaded files match the files Dominion has.

Next the user is directed to install the following third party software packages from the DVSEMS folder:

CruiseControl.NET-1.4-Setup

nant-0.85-bin.zip

csUnit.2.1.1.BETA.setup

7z442.msi

NetAdvantage_20063_CLR2x_NET_Trial.zip

Tx_Text_Control_DotNet_1400.zip

SetupImgBurn_2.1.0.0.exe

SpreadsheetGearForDotNet_3_0_0_122.exe

dxsdk_aug2007.exe

These files needed for the build may not be provided from Dominion but must be procured from the third party. An MD5 hash is needed to verify that the downloaded files match the files Dominion has.

Steps To Reproduce:

Additional Information:

Attached Files:

Notes	
(0000216)	Subsequent TDP/Build reviews
~~jack_cobb~~	
2011-07-27 13:25	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
168	[Dominion T57381] Software Review	unanalyzed	have not tried	2010-07-21 13:31	2011-07-27 13:23

Reporter:	lynn_stewart	**Platform:**	
Assigned To:	~~jack_cobb~~	**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	fixed
Projection:	none		
ETA:	none		

Summary: ICP Source Code Technical Report Review 0

Description: ICP Source Code Technical Report Review 0

Steps To Reproduce:

Additional Information:

Attached Files: 2010-07-19 Tech Report R0 ICP V4.0.5.pdf (4035 KB) *2010-07-21 13:31*

Notes	
(0000214)	Subsequent code reviews
~~jack_cobb~~	
2011-07-27 13:23	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
169	[Dominion T57381] Software Review	unanalyzed	have not tried	2010-08-03 10:56	2011-07-27 13:22

Reporter:	lynn_stewart	**Platform:**	
Assigned To:	~~jack_cobb~~	**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	fixed
Projection:	none		
ETA:	none		

Summary: ICE Source Code Technical Report Review 0

Description: ICE Source Code Technical Report Review 0

Steps To Reproduce:

Additional Information:

Attached Files: 2010-07-15 Tech Report R0 ICE V1.0.pdf (3879 KB) *2010-08-03 10:56*

Notes

(0000213)　　　　Subsequent code reviews
~~jack_cobb~~
2011-07-27
13:22

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
170	[Dominion T57381] Software Review	unanalyzed	have not tried	2010-08-03 10:58	2011-07-27 13:22

Reporter:	lynn_stewart	**Platform:**	
Assigned To:	~~jack_cobb~~	**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	fixed
Projection:	none		
ETA:	none		

Summary: ICC Source Code Technical Report Review 0

Description: ICC Source Code Technical Report Review 0

Steps To

Reproduce:	
Additional Information:	
Attached Files:	2010-07-26 Tech Report R0 ICC V4.0.2.pdf (957 KB) *2010-08-03 10:58*

Notes

(0000212)	Subsequent code reviews
~~jack_cobb~~	
2011-07-27 13:22	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
216	[Dominion T57381] Hardware	unanalyzed	always	2011-07-19 07:29	2011-07-27 13:06

Reporter:	michael_walker	**Platform:**	
Assigned To:	~~jack_cobb~~	**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	fixed
Projection:	none		
ETA:	none		

Summary:	Audio does not provide proper levels
Description:	Davin Lee performed acoustic test and the levels did not meet the standards. Headsets were pulled from testing due to volume control that did not allow for return to proper volume levels. Dominion working on software to correct issue and also certify a new headset to be introduced to testing. Upon return test will be perfomed again to verify levels
Steps To Reproduce:	
Additional Information:	
Attached Files:	

Notes

(0000210)	Set to Ammer Chadery.
~~jack_cobb~~	
2011-07-27 13:05	
(0000211)	Software release 4.5.3. Passed Acoutical test
~~jack_cobb~~	
2011-07-27 13:06	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
218	[Dominion T57381] FCA	unanalyzed	always	2011-07-24 08:57	2011-07-27 13:05

Reporter:	michael_walker	**Platform:**	
Assigned To:	~~jack_cobb~~	**OS:**	
Priority:	normal	**OS Version:**	
Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	fixed
Projection:	none		
ETA:	none		

Summary: Audit log does identify date and time change

Description: When the date or time is changed on the system the audit log does not identify this occurrence. Dominion has been advisd of this as it was reported to Chris I. while on-site. The auidt log must identify and log each time the date or time has been altered.

Steps To Reproduce:

Additional Information:

Attached Files:

Notes

(0000208)	Set to Chris isklander
~~jack_cobb~~	
2011-07-27 13:04	
(0000209)	Software release 4.5.4
~~jack_cobb~~	
2011-07-27 13:05	

Viewing Issue Advanced Details

ID:	Category:	Severity:	Reproducibility:	Date Submitted:	Last Update:
213	[Dominion T57381] Initial Review Questions	feature	N/A	2011-07-17 14:06	2011-07-27 13:03

Reporter:	ryan_wilson	**Platform:**	
Assigned To:	~~jack_cobb~~	**OS:**	
Priority:	normal	**OS Version:**	

Status:	resolved	**Product Version:**	
Product Build:		**Resolution:**	no action required
Projection:	none		
ETA:	none		

Summary:	Using default values, ICP does not state the effect of casting an overvoted ballot, to the voter.
Description:	By default, the ICP does not communicate to the voter, the effect of casting an overvoted ballot. Changes to the Device Configuration Files (DCF's), can enable this functionality so as to fulfill sec 3.1a.1.A.II of VVSG 2005 Volume I.
Steps To Reproduce:	
Additional Information:	
Attached Files:	

Notes

(0000207)   This is a DCF option that was not set at the time.

~~jack_cobb~~

2011-07-27
13:03