Attachment H – Discrepancies, provides a listing of issues found during hardware and functional testing of Verity 1.0. The anomaly/discrepancy tracking system utilized for this project was Jira 4.0.1.

#	Component	Test	Description
1	Verity Scan	ESD	Power Brick issue: Air Discharges found at + / - 15kV only around the power brick. At -15kV, air discharges caused the LED on the power brick to go out. Mitigation performed by Hart and observed by SLI personnel: replace power brick with the same model # AHM85PS24; SN: K12460009. Mitigation performed by Hart and observed by SLI personnel: install a (permanent) vinyl label over the power supply top and side surfaces. This label covers the top surface with the green LED and wraps around the edges to cover the side seams. The label has a clear opening around the green indicator LED. This label prevents ESD discharges to the side seams and to the LED. This label is installed on the power supply at the factory. Following ESD protocol power brick was re-tested, no problems occurred. Issue resolved.

2	Verity Scan, Poll Worker LED	ESD	Air Discharges found at + / - 15kV to poll worker LED, power inlet cable and power button. Issue was observed by SLI while performing operational status test; once polls were open SLI notice the poll worker blue LED light on the back of device was not on; this is a visual indicator notifying the poll worker that the poll worker button is active; it is only visible after polls have been open. The poll worker button functional as normal but blue LED was no longer on. Mitigation performed by Hart and observed by SLI personnel: using a platform utility that allows the poll worker LED to be visible during testing. Following mitigation ESD was performed around poll worker LED. At -15kV, air discharges to poll worker light caused the LED to go out. Verity Scan failed ESD. Modifications done to the unit for this retest are: a. Wrapped 3 side of the power brick with Lexan label b. Installed new back plate with clear Lexan label over the LEDs c. Replace the scanner component, baseboard, and the back panel. Verity Scan: ESD PASS +/- 2,4, 8kV Contact, +/- 2, 4, 8, 15kV Air

3	Verity Touch Writer, Printer	Electrical Fast Transient	At - 2kV, 100 kHz rep rate for 60 seconds cause the OKI 431d printer to stop printing Mitigation performed by Hart and observed by SLI personnel: disconnect / reconnect USB cable from printer. Replace power brick (same model); Power cycle Touch Writer to remove data from print queue. Restart EFT same results. Replace Touch Writer. Restart EFT with new Touch Writer; at + 2kV, 100 kHz rep rate for 60 seconds cause the OKI 431d printer to stop printing Verity Touch Writer failed EFT. Note: All operational modes but printing to OKI 431d continue to function throughout testing without interruption or loss of data. Mitigation performed by Hart and observed by SLI personnel: Ground domains Chassis Ground and Digital Ground were hard tied at 6 points approximately 30mm apart along the back edge of the Base Board. The addition of these ground connections provide low frequency grounding between the two previously separate ground domains which were previously connected only via PWB capacitance. Install a Ferrite Bead Choke in the Protective Earth Ground (PE Ground) path between the power supply and the now unified Chassis and Digital Ground. This Ferrite Beak Choke reduces the amount of transient energy entering the system on the PE Ground line. Install a 2.5 turn Ferrite Bead Choke between the PE/ Earth ground EFT re-test PASS

4	Verity Touch Writer, Printer	ESD	At -8kV, air discharge to USB connector from back of Verity Touch Writer caused the OKI 411d printer to stop printing. At -15kV, air discharge to the seam on side of power brick caused OKI 431d printer to stop printing. At - 15kV, air discharge to LED on power brick caused OKI 431d printer to stop printing. Mitigation performed by Hart and observed by SLI personnel included: disconnect / reconnect cables from back of printers, power cycle printers; replace two OKI 431d with the same model. Test with OKI 411d printer, and using a new USB cable with ferrite. Verity Touch Writer failed ESD. Note: All operational modes but printing to OKI 431d and OKI 411d continue to function throughout testing without interruption or loss of data. Mitigation performed by Hart and observed by SLI personnel: mitigation for the USB Connector is the same as the EFT Mitigation (tie Chassis Ground and Digital Ground together and install a Ferrite Bead Choke in the PE Ground path to the Verity combined ground.) Mitigation for power brick was to install a (permanent) vinyl label over the power supply top and side surfaces. This label covers the top surface with the green LED and wraps around the edges to cover the side seams. The label has a clear opening around the green indicator LED. This label prevents ESD discharges to the side seams and to the LED. This label is installed on the power supply at the factory. 10-24-14, ESD re-test PASS: +/- 2,4, 8kV Contact, + / - 2,4,8, 15kV Air.

5	Verity Touch Writer, Printer	Lightning Surge	
			At + 2kV (common mode) Line 1 cause OKI 431d printer to stop printing.
			Mitigation performed by Hart and observed by SLI personnel: replace OKI 431d printer with the same model and USB cable with ferrite (introduce during ESD mitigation) re-test with the same results.
			Verity Touch Writer failed Lighting Surge.
			Note: All operational modes but printing to OKI 431d continue to function throughout testing without interruption or loss of data.
			Mitigation performed by Hart and observed by SLI personnel: mitigation same as the EFT Mitigation (tie Chassis Ground and Digital Ground together and install a Ferrite Bead Choke in the PE Ground path to the Verity combined ground.)
			10-23-14, Lightning Surge re-test PASS: Mains: +/- 2kV CM, +/- 2kV DM, (0, 90, 180, 270)
6	Central	Accuracy	When reviewing the Cast Vote Records for a batch in the 163 Hour Power and Temperature Variation test, the expected results were missing votes for 9 contests. It was determined that one of the ballots that was scanned was only counted on one side of the ballot, instead of both sides. No scanning errors were generated during the scan.
			Issue was determined to be a flaw in the bar code reading algorithm.
			Regression testing of new build did not reproduce issue. Pass.

7	Build	Functional	
			When creating a Verity Key in the Build application, the Write function is not enabled by typing a character in the Administrator Password text box. The workaround to enable the Write function was to enter passwords for the following fields displayed in the "Set up other passwords" dialog: Devices Relay Count/Central The Write function was not enabled until all 3 of the "other passwords" were entered. Fix for field checking implemented. Regression testing of new build did not reproduce issue. Pass.

8	Build	Functional	The Write a key dialog contains a Relay password field, which is required in order to enable the Write function. The Relay function is not included in this round of testing. "Relay" field removed. Regression testing of new build did not reproduce issue. Pass.
9	Build	Functional	While using 2 Build Operator accounts, logged into Build in Election Settings. User 1 entered one set of data, saved and went to the Accept Election screen. User 2 entered a second set of data, and went to the Accept Election screen. User 1 Accepted the election. The election was accepted successfully, all data was saved. User 2 attempted to accept the same election with the second set of data, the election was accepted successfully and the data overwrote the previous data. There was an exception thrown in the Audit Log Report, (fatal exception, election needs to be in locked for export state). The exception was ignored, which resulted in the overwriting of data. System modified to only allow one Operator type account to be logged in at a time. This is the only account type allowed to accept election. Regression testing of new build did not reproduce issue. Pass.

10	XML Import	XML Import	This problem blocks successful customization and import of an election definition. Attempted to import the SLI_Pri-02_8.5x17 election. Files have been provided to Hart. Got this message: Invalid Import File A different object with the same identifier value was already associated with the session: NULL-GUID, of entity: Verity.Domain.Model.BallotMediaDataCollection. Where NULL-GUID is the GUID value with all zeros. We extracted all of the BallotMediaData element Id child element values, sorted them, and checked for duplicates, finding no duplicate identifiers for this collection. There are the following problems with this error message: **1.** The message appears to be wrong, as we found no duplicate GUID key for that collection. **2.** Instead of containing the offending GUID value, the message displays the null GUID. **3.** No location information, line number and character position, is provided in the XML file. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.
11	XML Import	XML Import	Deleting a contest without removing associated Rotations (or presumably creating a rotation with an invalid ContestID) returns the generic SQL batch error. This was tested on a customized Sprint18_RC08_Strawman_GE_8.5x14.xml.

			Documentation only states that this error may appear when data values are too large for their current container, which is not the case in this scenario. Given that this error actually appears in several scenarios where line lengths are not the issue, tracking down the true cause can be near impossible. Fix was found through guess work and commenting and uncommenting XML until the offending block was found. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.
12	XML Import	XML Import	 When attempting to import an election the following error is thrown: Input string not in a correct format After some digging the the problem was found to be a blank sequence number tag (<SequenceNumber></SequenceNumber>) inside a ContestOptions tag. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.

13	Touch Writer	Functional - Anomaly	After voting a ballot on the TouchWriter, selected the Print option. At the "Do you want to print your ballot?" prompt, selected the "Yes, print my ballot" option.
			A progress wheel displayed with "Printing Ballot, please wait", then the ballot printed on the printer, however, the ballot is an 8 1/2 X 11 letter size and the paper currently loaded in the printer was legal size. The printer displayed with an error, "400: Paper size error, open upper cover" The Touchwriter screen displayed with a "Contact your poll worker for assistance" message. "Click here to access poll worker troubleshooting" Clicked on the "Click here to access poll worker troubleshooting" option, The screen froze, no input possible. Opened the upper cover of the printer, then closed. The printer printed another ballot, then the same error message generated on the printer.
			Powered down the Touchwriter, then removed the vDrive and the Verity Key.
			Powered the Touchwriter up, "No vDrive found" message displayed, inserted the vDrive, A "Ballots not completed report printed with Ballots not completed: 1
			Replaced the legal size paper in the paper tray of the printer with letter size paper, marked a new ballot and printed, no errors.
			This issue was not able to be reproduced in initial build, nor any succeeding builds, so remained in Anomaly status.

14	XML Import	XML Import	As described on page 106 of the Verity XML Import Guide version A03, giving a non-specific import error, "could not execute batch command", when any data element does not satisfy size requirements, is not acceptable. Updates to error messaging implemented to provide more informative message. Pass.
15	Central	Functional	After scanning the first batch of ballots on the Central Scan 1 and selecting the "Save batch" option, an error generated with "There was an error while saving the scanned batch". After selecting the "OK" option, a pop-up message displayed with "The user has been logged out". About two minutes after the first error occurred, the same error generated on Central Scan 2 while trying to save the first batch of ballots on Central Scan 2. Logged in to Central Scan 3 and received a Verity is unable to start message with "A critical error occurred. Please check the connection to the server and database and existence of all modules. The program will not continue. Pressed the "OK" option, received the "Enter a code to access the operating system" prompt. Printed Audit logs and System Logs for Central 1 and Central 2. Issue dealt with same user being logged in concurrently. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.
16	Build	Functional	Starting with the Proof Ballots chevron selected, click the Proof Audio tab on the right of the screen. Click to select either the English or Spanish language tab. Click to highlight any of the audio file options, switch languages and then return to initial language selection. The previously highlighted audio option will now be marked with "NO" in in the "Recorded?" column and can not be played. Repeat this process for as many options(can be done for every option in each language) as desired. Refreshing the page will restore audio files to original state, until page is refreshed each highlighted audio file will be removed from the recorded list and will not play. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.

17	Central	Functional	When the "Shutdown" option is selected from the Verity Voting login screen, a Really Shutdown? pop-up message displays with "This will shutdown your entire system,are you sure you want to do this?" After selecting the "Yes" option, Two messages display on the screen. The message in the background displays with "An error has occurred, the system must be rebooted. The message in the foreground displays a pop-up message with "You are about to be logged off, The system will shutdown in less than one minute". The system then shuts down. Selecting an option to shut the system down should not result in an error message generating. This leads the user to believe that something is wrong. Logic for displaying error message was faulty. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.

18	Central	Functional	For election SLI Accuracy Ballots 600 choices 8.5x14, when printing the Batch Detail and Precinct Detail reports, the preview shows a blank page. After clicking the report, click open. A popup window is displayed saying the report is to big to preview, only the first page will be previewed. Click ok, the report opens and the previewed page contains the appropriate header but not content. After saving the report to a USB drive the report is able to be opened and viewed, only the preview is altered. First batch was empty which resulted in a blank page showing. Logic updated to display first non empty batch. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.
19	Scan	Hardware	During boot-up Verity Scan would take between 3 to 30 minutes to boot-up. Observation: Power up device; Device presents blue screen (BIOS) "Please wait while Verity starts"; Next screen change to black; follow by a blue screen; follow by a white screen "Please wait while Verity loads... Verity v1.0.0"; Next screen change to back to black; follow by a blue screen, etc. This was repeated several times before Verity began initializing and boot-up. Issue with licensing of internal security. Licensing updated with perpetual license. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.
20	Scan	Hardware	From Device setting window, Press "Scanner speed calibration" button. Within 2 to 10—seconds Insert Speed Cal sheet as shown on screen. Receive the following error "Speed Calibration: Failed. Speed value out of range. Retry calibration and insert a valid Speed Calibration sheet within 10 seconds". Press "Scanner speed calibration button for a second time; receive same results "Failed" Calibration sheets were incorrectly sized. Modifications for issue implemented. Regression testing did not reproduce issue. Pass.

21	XML Import	XML Import	Imported election SLI_Pri-72_8.5x17. Got this error message: Guid string should only contain hexadecimal characters. The error message should specify the string that did not parse along with a location within the file. Updates to error messaging implemented to provide more informative message. Pass.
22	Central	Functional	After the completion of the ballot scanning of the "2nd Run" Task for the Volume test using 4 Central Scanners (21,249 ballots), the following reports were generated: Configuration Report Batch Detail Report Audit Log System Log Batch Detail Report for the "Volume Central" Task for the Volume test (88,660 ballots) After saving all of the above mentioned reports to a thumb drive, Selected the "Write Ballots" option. A progress wheel displayed for approx. 6 minutes, then an error message generated with "There was an error while writing ballots to the vDrive". Selected the "OK" option, an exception error occurred while performing a background task message displayed with "An error has occurred. The server needs to be restarted". Selected "OK", the message closed. The status on the screen displayed as: Total ballots written: 11,201 Total batches written: 50 Total vDrives written: 1 Generated an audit log report for the previous 1 hour on the Central Server. (see attached), The log begins with the following: 2015-01013 18:55:31 W1400000612 user 1 System Exception Fatal, Exception occurred. Exception details: System out of Memory Exception Reports templates formatting was consuming large amounts of memory. Implemented new templates that greatly reduced memory usage. Also implemented a monitor to determine when memory usage is high and to cleanup memory. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.

23	Central	Functional	Attempted to access the OS on Central Server 1 in order to look at the log files. Entered the code 554144, nothing happened,
			Tried to access the OS on Central Client 2, logged in as user1, received the following message: "Your existing log file is corrupt. The system has created a new log file. You can continue using the system as usual. If you need to recover the log entries from the corrupted log, contact technical support".
			Hart determined that the Access table .dat file was not being deleted, but overwritten instead.
			Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.
24	Central	Functional	Prior to beginning the Stress Test, had to reboot Central Scan 2 Workstation after saving the log files. Logged on to Central 3 and 4, received the same message that was received on Central Scan 2 "Your existing log file is corrupt. The system has created a new log file. You can continue to use the system as usual. If you need to recover the log entries from the corrupted log, contact technical support. Clicked on the "OK" option, the message closed. Began scanning ballots on all 4 Central Scanners. Central Server 1 scanned 2 batches (of 250 ballots) successfully. Central Scan 2 scanned 1 batch (250 ballots) successfully. Central Scan 4 scanned 1 batch (300 Ballots) successfully. Central 3 scanned 1 batch (250 ballots) but never received the confirmation screen with the "Save Batch" option. Central 4, while scanning its 2nd batch of 300 ballots, stopped scanning midway through the batch. No errors were generated on the Central Scan 4 or the Central 4 Workstation. Central Scan 2, while scanning its 2nd batch of 250 ballots, stopped scanning approx 1/8th of the way into the batch, with one ballot halfway fed into the unit. No errors were generated on the Central Scan 2 or the Central 2 Workstation.
			Improper startup caused log file check before system fully up, resulted in system determining issue existed with file.
			Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.

25	Build	Functional	When writing vDrives for an election, it is possible to enter numbers greater than 999million. When a number exceeding the space allotted for the "Quantity" field is entered, the field expands to the left until it pushes the word "Quantity" completely out of view. If a number greater than the maximum allowed is entered, when "Write vDrive" button is clicked, the last number entered before the to large number was entered is used instead. Set a maximum value (9999) and defined a proper width (78px) for the control to ensure the user cannot entered a value which allows the control to expand. Modifications for issue implemented. Regression testing of new build did not reproduce issue. Pass.
26	Build	Functional	While attempting to write a number of vDrives using the automated function in Build, I received an error message "An error occurred while writing the vDrive. Please try again. If the problem persists, this vDrive may need to be replaced." Thinking that maybe a connectivity error occurred while the vDrive was being written, I repeated the test using a different USB port. After receiving the same error, this time on a different vDrive, I again repeated the test using yet another USB port. This happened five times, at this point I had not been able to write more than 15 vDrives consecutively, the number of devices present red 1 during each of these error, the error occurred on four of the five vDrives I was using for the test. The process used for the test is as follows: 1. Set the Quantity of vDrives to be written to 101 2. Write first vDrive 3. Remove finished vDrive insert the next one 4. Cut/Past contents of finished vDrive into folder on laptop for a record 5. Repeat steps 3 and 4 until all 101 vDrives are completed Functionality determined to be appropriate in order to prevent improper creation of vDrive. Documentation was updated to better convey this. Pass.

27	Build	Functional	
			After receiving an error message, "An error occurred while writing the vDrive. Please try again. If the problem persists, this vDrive may need to be replaced" the vDrive ID the error occurred on is skipped retrying to write the vDrive. Functionality determined to be appropriate in order to prevent improper creation of vDrive. Documentation was updated to better convey this. Pass.
28	Central	Functional	After creating a new task in Central, Central Scan 2 W1400000612, logged in to "Scan", received a message with "The zero report has not been run, do you want to generate the zero report now?" Selected the "Yes" option. A progress wheel displayed, the report displayed on the screen behind the progress wheel. After 8 minutes, the progress wheel still displayed. Generated a Configuration Report on Central Server 1 successfully, showing all 0 ballots scanned. Scanned a batch of 250 ballots on Central Server 1. Scanned a batch of 250 ballots on Central Scan 3. The progress wheel still displayed on Central 2. Attempted to close the screen by clicking on the red X in the upper right corner of the dialog,received a message "there is a task running in the background, unable to close" Waited 10 more minutes, no change. Hart said that the signal to close the operation might have been lost. Rebooting the Workstation should clear the operation and allow for scanning to continue. Rebooted Central Scan 2 Workstation successfully, the progress wheel no longer displays. Issues were found to be memory leaks and unfreed memory. Leaks were resolved and memory monitor service added to force memory cleanup as needed. Regression testing of new build did not reproduce issue. Pass.
29	Scan/Touch Writer	Hardware	Removing a tablet from its cradle then reinserting has periodically caused Touch Writers with the power connected and power-off to boot-up. Resistor set was too tight in specs which resulted in the intermittent power up. Hart worked with manufacturer to employ a more robust set, as well as implement an additional check at the factory. Regression testing of new implementation did not reproduce issue. Pass.

| 30 | Build | Functional | Build-->Rotation Report: Report fails to generate if there is a Contest with no Choices where Include in

Rotation is set to true

Report fails to generate if there is a Contest with no Choices where Include in Rotation is set to true. In this case, the application will display an error dialog indicating that "Sequence contains no elements". This may appear when the preview is generating, or when the report is being exported/printed, depending on where the Contest is in the election ballot order.

Resolution: The rotation report writer was changed to support such contests, allowing the report to be generated.

Test: Imported election with contest that had no declared choices and with Rotation enabled. Generated report and verify report is created and accurate.

Regression testing of new build did not reproduce issue. Pass |
|---|---|---|---|
| 31 | XML Import | XML Import | Error message is not easily understood language text, written in a manner that is understandable, or clearly state the action to be performed.

The cause is that the party selector contest is not in the ballot order. Need of a proper error message to inform user of issue.

Update to error messaging. Regression testing of new build did not reproduce issue. Pass |

32	Build	Functional	The Build/Count Client 4 was logged in as User1. Attempted to open the Build application and received a Verity message "Your existing log file is corrupt. The system has created a new log file. You can continue using the system as usual. If you need to recover the log entries from the corrupted log, contact technical support". Selected the OK option, the message closed and the "Select Election" dialog displayed. Rebooted the workstation by selecting the "Logout" option and then the "Shutdown" option. An exception error displayed on the screen briefly, then the system shut down. Pressed the power button on the workstation, the Verity Voting log in screen displayed. Logged in using "user" and "password1". The Verity Voting Application Launch screen displayed. Noticed that there is no "Manage" tile displayed, only "Build", "Count", "Desktop" and "Users". Generated a System Log Report for the previous hour, (see attached), the System Log displays with a Fatal Exception, Aggregate Exception: A Task's exception(s) were not observed either by Waiting on the Task or accessing its Exception Property. Added retry for connecting to log file. Regression testing of new build did not reproduce issue. Pass
33	Build	Functional	After importing the 200 Contest Ballot election into the Build/Count Server, and setting the Election Settings, attempted to Accept the election and received a Validation Complete message "One or more ballot(s) are invalid. See below for details. Error: The maximum of eight ballot pages has been exceeded". The election is in a Locked for Export status. Ran an Audit Log Report to see the error that occurred while accepting the election, no entry was found in the Audit Log (see attached) Update to application message control in order to log message that are displayed to user. Regression testing of new build did not reproduce issue. Pass

34	Touch Writer	Radiated Emissions	Due to modifications made on Touch Writer for EFT, ESD, and Surge failures require SLI to retest Radiated Emissions; base off results from Radiated Emissions will determine if any additional tests are required on the Touch Writer with modifications. Touch Writer did PASS Radiated Emissions on 1-Oct-14
			22-Oct-14 retest Verity Touch Writer W1400007609, Rev. B and OKI 431d printer AK47007784A0 Touch Writer failed at 960 MHz. Modifications: 1 - wrap 3-sides of power brick with lexan label - material is correct, color of label is being worked on 2 - install new back plate with clear lexan label 29-Oct-14 retest Verity Touch Writer W1400006609, Rev. B and OKI 431d printer AK47007784A0 Touch Writer failed at 840 MHz. Modifications (Pass in Austin): Rework - Back plane board with chock add and three cooper grounding points TS300FBR0006 9/12/14; Base board TS300FBS0015 9/12/14, PCA 2005222 Rev B / PCB 1005222 Rev B. CFAST P/N: 8H.3BD40.A85DB, M/N: APC FA008G0AHS-2CM, 881436100086, Acer vDrive; same BOM. Tried digital ground to chassis ground throughout system. BOM changed added choke 7-Nov-14 retest Verity Touch Writer W1400006609, Rev. B and OKI 431d printer AK47007784A0 PASS
			Conclusion:
			Results from Radiated Emissions retest determine no additional testing was required. Pass.

35	Build	Functional	With any election imported into build but not accepted, click into the election and click the Configure Settings chevron. Click on the Device Passcodes tab. When entering a passcode such as 111111, if the passcode is entered to quickly or Tab is pressed to moved between the cells, user is presented with an error message when they click the Save button. The error states the entered passcode is not valid, if you hover the mouse over the field the passcode will be displayed and you can verify that it is correct. This error does not appear to occur every single time or with every election, it also will correct itself if you simply highlight and reenter the password. Updated password text box control . Regression testing of new build did not reproduce issue. Pass
36	Build-Count	Functional	Attempted to import an election definition file with an election date of 2/2/2016. Got this import error message: The field Date must be between 1/1/2011 12:00:00AM and 1/1/2016 12:00:00AM. This range or limit is not in the system documentation. Extended date range to 12/31/2027. Regression testing of new build did not reproduce issue. Pass

| 37 | Build | Functional | In a Build/Count networked environment, was logged into a client workstation.
Went into User Manager and created a user
Went back to Verity Launch screen.
Selected Build and received the your log file has " been corrupted" message. (issue)
Clicked on okay and dialogue window closes, but then trying to select anything with the mouse results in a "ding". (issue).
Able to do some limited navigation via the "tab" button.

We logged into another workstation (using the same username) to force a logoff, which was successful
Then when we tried to log back in to the original client workstation we received a message that "The Audit log cannot be opened, user cannot log in". (issue)
We finally rebooted the machine.
No messages appeared in either the Audit log nor the System log files. (issue)

A UI alert was getting trapped in background and interfered with other pop-ups. Change implemented keeps UI alert in front. Regression testing of new build did not reproduce issue. Pass |

38	Build	Functional	Using Build/Count network with two stations, user1 on Build/Count Server logged in as user and user2 on Build/Count Client logged in as BuildOperator. User1 opens election General-01_8.5x11 and fills out all necessary requirements for accepting an election under the Configure Settings chevron, Election Settings tab. User1 then clicks the Accept Election tab and the Accept button at the bottom right of the screen. User2 then logs in, opens the same election (General-01_8.5x11) and navigates to Device Passcodes sub-tab on the Election Settings screen in Configure Settings chevron. User2 changes one passcode and clicks Save at bottom right of the screen. User2 stays on the Device Passcodes screen, user1 now clicks OK in the Accept Election dialog window and the election is accepted with the changed passcode from user2. User2 highlights the changed passcode and attempts to change it again, an error message is recieved "Unable to write to the log file. User must log out." User2 clicks OK is logged out and presented with a second error message "Server is unavailable. Verity must shutdown". This window closes automatically and a third error message is displayed, "VerityShell has stopped working". Application updated to only allow one Operator level user to access an election, at a time. New user role "Build Media Creator" was implemented in order to allow multiple users to access and work on an election. Regression testing of new build did not reproduce issue. Pass
39	Touch Writer	Functional	Power Save Mode Needs to be Enabled Per original device requirements, to optimize throughput for the voter, the requirement was for the polling place printer to NOT sleep, thus keeping the drum warm for the voter. This is drawing too much power on the UPS for sustained operation. Resolution: Software. Change the printer control initialization to power save enabled (vs. disabled). No logical code change, change word "OFF" to "ON". Test: Hook UPS up to printer and printer to Touch Writer. Start printer, start UPS, start Touch Writer. Verify that printer setting is set to "enabled". Regression testing of new build did not reproduce issue. Pass

40	Build	Functional	
			The All Contest Report does not display contests that have only write-ins (no other ballot choices defined). Description: The All Contest Report does not display contests that have only write-ins (no other ballot choices defined). Resolution: Software. Localized changed to the report writer to include all contests, regardless of quantity or types of choices, in this case a write-in as its only votable option. Test: Imported election with contest that had no declared choices and with Rotation enabled. Generated report and verify report is created and accurate. Regression testing of new build did not reproduce issue. Pass