

DAL Action Items

Status: Open

Priority: Critical

AI: 5059	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-06-14
Summary: Multicast Video Issue			
Related Issues: None			
Description: AI created to & track the efforts of restoring the ongoing multicast video switching issues in Dallas.			
<ul style="list-style-type: none"> 06/09/17 - Testing <i>italic</i> text <ul style="list-style-type: none"> test in bold testing <u>underline</u> <ul style="list-style-type: none"> This is indented This is back one 06/09/17 - <i>test</i> 03/17/17 - Joe provided the current list of cameras that are not able to be switched. 03/16/17 - Dallas sending tech to SAT10 to restart switch. Bill found that multicast was not working to SAT 10. Dallas restarted the switch and Nahum was able to access. Bill saw small amounts of unrequested multicast from SAT 10 and 12. 03/15/17 - Terry currently working with Networking Services to get the switches configured. The access list was removed and SAT 1, 3, and 10 were restored. Joe provided the current camera outage list. Nahum was in the process of creating the RP's and noticed that SAT 10 was not visible. 03/14/17 - William Guy to work with Troy to bring up the switches. 03/13/17 - Terry Moore worked with Dallas to find the location of the satellite buildings. 03/10/17 - The priority of the ticket was raised. Nahum stated that, laptop connected to the switches was needed to recover them. Local NTTData support was out until Monday. 03/08/17 - Bill and Nahum continued to work on RP's. SAT 10 appeared to be offline. Dallas confirmed that SAT 1, 3, and 10 were down for unknown reasons. 03/07/17 - Bill and Nahum continued to work on RP's. 03/06/17 - Joe provided the latest list. fiber cut on SAT2. Bill worked with Nahum to add RP's for access to the Stack Switch. Dallas did not see a change and Bill provided some information since the access list cannon overlap. 03/01/17 - Joe provided the latest list of non-working cameras. Bill and Joe continued to investigate. 02/27/17 - Joe provided the latest list of non-working cameras. Bill sent NTTData and Dallas a list of switches to add RPs to. 02/22/17 - Bill was on a Telecon with NTTData and Cisco and provided a summary to the group. NTTData asked about configuring additional RPs with strict adherence to the plan for multicast group numbering by satellite. 02/21/17 - Joe provided the current list of non working cameras. Bill assisted Dallas with various tests. 02/20/17 - Joe provided the latest list of cameras that were not working. Testing starting at 10:30 AM and the satellites to be taken down are 7, 10, 18, and 19. Bill and Dallas performed the test and continued to investigate. 			

AI: 5040	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: EM Not Responsive			
Related Issues: None			
Description: 02/13/17 - Dallas reported that EM crashed and was greyed out from the Lonestar. The cameras appeared to not be working after EM restarted. Joe restarted the map and the cameras and EM returned.			
<ul style="list-style-type: none"> 03/01/17 - Dallas was not able to enter unplanned events. Hitting the save button would not do anything. SwRI investigated and found that EM deadlocked. SwRI released the fix with the LS 6.1.4.3 test code. AI to remain open for a month to make sure it is resolved. 02/17/17 - DAL reported that EM had crashed the night before at 8:57 pm. They rebooted all of APP10 to restore it. SwRI believed it possible that EM entered a deadlock. SwRI asked DAL to create a crash dump of the subsystem the next time it happens. 			

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AI: 5039	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Unplanned Events not posting			
Related Issues: None			
Description: Roger confirmed that the issue was resolved.			
<ul style="list-style-type: none"> 03/02/17 - Dallas confirmed that it was system wide for planned and unplanned events. 02/28/17 - Dallas reported that this issue was still occurring. SwRI to investigate. 02/07/17 - DAL reported that unplanned events were not posting messages to the response plans associated to them. SwRI investigated and found the cause of the issue. Test code was placed in Dallas and a restart of SAA and EM were performed. 			

AI: 5011	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL, FTW	Updated: 2017-03-29
Summary: Website Monitoring System			
Related Issues: None			
Description: Both districts would like this to be a high priority item.			
<ul style="list-style-type: none"> 01/09/17 - Both Dallas and Forth Worth district requested for automated alerts for website outages. They would like to be notified when the website loses connection or other devices go offline with preference given to snapshots. 			

AI: 4687	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-05-25
Summary: Sluggish LS UI performance			
Related Issues: [LS-3720] - EM re-schedules the planned event even when there is no change on the schedule when updating the event			
Description: # 04/10/16 – DAL reported sluggish UI performance while managing system Silver Alert messages in Lonestar.			
<ul style="list-style-type: none"> 03/06/17 - Joe and Craig both reported that they had experienced slow performance issues with Lonestar. Dump files were created and Joe provided a video. SwRI to investigate. 02/22/17 - Two overnight planned events caused Lonestar to freeze up. SwRI to resolve the issue and fix with release in LS 6.1.4.2. 02/20/17 - Denise had a similar issue with the system being sluggish. A dump file was created. Joe provided 2 more dump files for Jason Carr and 2 for Roger. SwRI to continue to investigate. 02/17/17 - Roger experienced a slow performance of the Lonestar system. He created a dump file for SwRI to investigate. 10/20/16 - It was discussed during the AI telecom that this would be checked to see if still an issue after the LS 6.1 release. 05/17/16 - DAL reported that the UI was sluggish. DAL created a crash dump file and provided it to SwRI. SwRI to investigate further. 05/02/16 - SwRI analyzed the dump file generated by DAL on 4/29. In efforts to gather additional information, SwRI asked that DAL create additional dump file(s), 10 to 15 seconds later, for further analysis during the next recurrence. 04/29/16 - DAL encountered the issue again and recorded a dump file at the time the issue occurred. SwRI retrieved the file for further analysis. 04/12/16 – SwRI reported to DAL as an update that there was no luck recreating the issue on SwRI test systems. Also, it was determined that Rick's dump file showed an idle UI, and not one that was busy or backlogged. Additional dump files were requested from DAL, and SwRI asked DAL some follow-up questions. 04/11/16 – SwRI investigated the reported and requested and analyzed a crash dump file from Rick Edwards provided by DAL. 			

AI: 4646	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: DMS shows wrong status			
Related Issues: [LS-3492] - The Op Status of signs is not reflected correctly on the UI			
Description: SwRI added issue LS-3492 to resolve the inconsistent DMS OP status value in a future release.			
<ul style="list-style-type: none"> 01/05/17 - Joe reported that that IH20EB @ Augustine DMS showed op status of active when it didn't have power. SwRI took the device out of service and back to active. This corrected the status. SwRI asked to be notified when this occurs in the future to troubleshoot further. 12/08/16 - SwRI thought that the issue could be due to multiple connections hitting the same sign. Dallas tried this and still saw issues. 10/20/16 - During the telecom, Craig stated that this was still an issue. SwRI to investigate. 03/22/16 - Craig reported another case where the LS DMS Status dialog reported active operational status for the IH635 SB Town East DMS sign with a shot controller not having a good poll in 9 days. 03/14/16 - Joe reported that the IH635 EB Luna DMS was without power since 3/10 and the DMS status showed active state. SwRI reset the OP status to resolve the issue. 			

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AI: 3968	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Configure backbone Ethernet equipment			
Related Issues: None			
Description: 02/04/15 - Amar (NTT) completed configuration of field switches 2/4.			
<ul style="list-style-type: none"> 12/08/16 - During the bi-monthly telecom, Joe stated that he would look to see if the switch could be disconnected. 10/20/16 - Joe still needs to move VIRTUAL-XP. The DALASE1 was removed. 05/19/15 - Bill informed Joe that it appeared that the computer at 10.2.16.110, DALASE1, and VIRTUAL-XP all needed to be readdressed and moved to the partner switch. Bill provided Joe with the IP addresses needed. SwRI investigated the missing 01 data form the DALASE1 service. SwRI reverted to the old address. Joe stated that they hadn't changed to the new addresses yet. SwRI confirmed that the 01 data was now being sent. 04/15/15 - After internal review / update of proposed rules, TRF submitted ticket to IT requesting configuration of new ASA firewall by 4/28/15. 03/26/15 - SwRI emailed update to proposed firewall rules. 03/25/15 - SwRI emailed proposed firewall rules to TRF. 03/09-12/15 - Email exchanges between DAL and SwRI regarding the new firewall rules. 03/05/15 - SwRI submitted draft of firewall rule list to TRF for discussion. 03/04-05/15 - Email exchanges between DAL and SwRI on the firewall rule questions. 03/04/15 - SwRI reviewed the old firewall rules and submitted questions to DAL. 02/19/15 - During the DAL issues meeting, SwRI (Bill) mentioned that the next step was to get the firewall rules info together. The partner switch configuration is to be done at the same time setting up the first partner switch to replace the other partner connections, and then setup the others down the line. 02/05/15 - Firewall configuration pending identification of rules by TRF/SwRI. 			

AI: 3249	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: C2C - Action to establish a connection for data sharing between DAL and LBJ			
Related Issues: None			
Description: TRF will prepare a timeline/plan to upgrade the C2C components to version 5.x on DAL-ITS-APP9.			
<ul style="list-style-type: none"> 02/01/17 - Mitch informed SwRI that the ticket was complete and SwRI to test. 12/15/16 - SwRI internally reviewed and completed the LBJ connection diagram and connection draft ticket with information provided by LBJ. SwRI sent the C2C ticket for partner connection and the connectivity layout to Mitch for review. Mitch submitted the ticket. 12/14/16 - Bill continued to work on the LBJ layout diagram and worked on drafting a ticket with the rules and NATs. 12/09/16 - SwRI is in the process of updating the diagrams to the most recent information. Dallas is setting up a partner switch for LBJ to connect to SwRI. This will need to be finished before testing can move forward on TxDOT machines. 12/07/16 - The NAT was configured for the final day of testing. The URI was changed on the collector on SwRI side and data was being received. Testing was successfully confirmed. Configuration, functionality, and command presets were all verified. SwRI is now ready for to move forward to the next stage of testing which is production testing on the TxDOT servers. All parties will need to confirm that the proper hardware in in place before moving forward. 12/06/16 - More testing was performed and the only steps left are: <ul style="list-style-type: none"> Validate status data coming through successfully Validate that Lonestar can successfully send commands. 12/05/16 - All parties joined a conference call to talk through testing. SwRI provided the link to the status website. The LBJ C2C connection was setup and verified that data was flowing to the LBJ firewall. The NAT was setup for connections to the wrong server and port 8080 would need to be opened in order to communicate with the server running the command receiver web service. 11/16/16 - Andrew said that anytime between 11/28 - 12/16 would work for testing. SwRI agreed to the week of the 5th. The firewall rules will be open on 12/5 starting at 12am and will close on 12/7 at 23:59 11/15/16 - Michael provided information on what needed to be checked and changed prior to the testing. 11/14/16 - SwRI asked Andrew and Patrica if they could send some dates to resume testing. 11/11/16 - there was no data provided to LBJ's collector at the moment. SwRI asked if someone could check on the plugin to C2C webservice connections to ensure the data was flowing from their side. 11/10/16 - SwRI successfully reached the collector through the browser. The only thing left was the ability to reach the command receiver from the SwRI testing machine. 11/09/16 - SwRI began testing the connection from SwRI DMZ to the LBJ server. The port was not configured correctly and after working with Kapsch and SwRI IT, the firewall rule was reconfigured and SwRI was able to telnet. 			

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- SwRI could not reach the Collector server and received a proxy server error.
- 10/26/16 - The date for testing was scheduled for November 9th at 12am and would close on November 11th at 23:59.
- 10/24/16 - Petrica reviewed the request for connectivity link between SwRI's test server to LBJ C2C workstations over public internet. The connection could be established with a couple of restrains.
- The connection would be enabled for 2 days.
- The connection would be done over port 80.
- 10/20/16 - Waiting on Petrica to determine whether the test connection setup is acceptable to their IT people.
- 10/14/16 - Petrica asked SwRI what kind of data would be passed through for testing. SwRI provided the port for use.
- 10/13/16 - Mere spoke with Petrica who is the point of contact for the LBJ Express C2C connection. SwRI asked LBJ if a similar test environment could be used to test the connection.
- 04/19/16 - DAL requested that Option 2 be pursued.
- SwRI advised that the LBJ Plugin testing be delayed until Lonestar is modified to prevent additional rounds of testing.
- 04/13/2016 - SwRI contacted DAL with two options for Video Switching support.
- Option 1 was to have Kapsch implement support for 2-stage switching.
- Option 2 was to have Lonestar implement an enhancement to create a new type of C2C camera in the Lonestar system to merge encoder switch settings with C2C camera status data. This option will delay testing as SwRI is engaged in other priorities.
- DAL to respond with preferred option.
- 04/12/2016 - Joe contacted SwRI letting them know the hardware was ready.
- SwRI reviewed the hardware setup and C2C test plan and identified that LBJ claimed Video Switching was not supported.
- SwRI determined that with a dedicated codec for each LBJ feed, the plugin may not need to use 2-stage C2C switching. SwRI to investigate.
- 02/24/16 - Aaron with LBJ Express asked DAL if they could continue troubleshooting at SAT 2 tomorrow. Craig to meet then at 9am.
- 02/12/16 - Jason Henderson replied and stated that there may be a network issue that needed to be fixed before passing video. Jason asked if they could setup a conference call next week to discuss issues. The meeting was scheduled for Tuesday at 9am.
- 02/08/16 - Joe informed all parties that DAL was still not receiving video from LBJ decoders.
- 02/04/16 - SwRI provided LBJ/DAL with Layout diagrams and IP to SwRI DMZ server for integration testing and would like a date and time to do this.
- 02/03/16 - Joe informed SwRI that 49 coedecs from LBJ Express were configured and connected according to a provided spreadsheet. Joe asked LBJ if they could provide camera names for the decoders.
- LBJ provided a list of the names.
- 01/28/16 - SwRI updated the C2C Layout Diagram.
- Ruchira provided the LBJ C2C testing plan.
- 01/26/16 - A telecon was held with LBJ/NTE/KAPSCH/SwRI.
- SwRI continued testing.
- 01/21/16 - SwRI continued to work on the C2C layout diagram and reviewed internally before sending out.
- 01/14/16 - A meeting was held to discuss this AI further with DAL and TRF. Action item updates captured:
- DAL to install 49 codecs next week
- SwRI generating TxDOT partner connectivity diagram based on input from DAL and LBJ's network connectivity and device inventory diagrams
- LBJ to update some items in their diagram too
- TxDOT and LBJ to later review and approve drafted diagram that will help facilitate opening up necessary firewall rules for the testing, etc.
- LBJ to provide any updates to the drafted LBJ C2C testing plan and conduct preliminary testing with the TxDOT C2C toolkit test suite prior to remote integration testing with a test Lonestar system on the SwRI DMZ, then followed by production testing
- 01/12/16 - Joe informed SwRI that the DAL-ITS-Partners-SW2 had been deployed to SAT1 and would be connected tomorrow to SW2.
- SwRI to make the appropriate changes to the diagram.
- 01/07/16 - SwRI internally reviewed the first draft of the diagram.
- A meeting was held with LBJ Express to answer some questions. Michael Nootbar attended the meeting via phone.
- 01/06/16 - Jason Henderson reached out to SwRI informing that they were ready to proceed with LBJ C2C testing.
- SwRI provided two questions that were pending before the testing could start.
- SwRI started to work on a partner connectivity diagram for the LBJ connection and required help from DAL.
- 12/04/15 - SwRI asked Joe if he could confirm that a provided Firewall rule was still in place.
- 11/30/15 - Jason Henderson provided an updated connection diagram.
- 11/19/15 - Jason Henderson with LBJ responded to the list of questions that needed to be addressed.
- SwRI reached out to Jason to assist with the C2C change on the TxDOT-FTW side to update the network ID to NTE. SwRI asked if 10:30 am would work.
- Jason pushed for noon CST to prepare the servers and to go through the software change process.
- Jason informed SwRI that they experienced issues on the local workstation that has the C2C toolkit installed. The switchover will be rescheduled to a later time.
- 11/13/15 - SwRI sent DAL/Joe the updated testing plan the latest information. SwRI send DAL a list of what was believed to still be addressed.
- 11/10/15 - Joe sent SwRI the response from LBJ with the updates.
- SwRI updated the plan with the new updates from LBJ Express.
- 11/02/15 - Joe followed up with LBJ Express to ask if any updates were available.
- 10/21/15 - Joe asked LBJ Express if there was an update to the requested diagram showing the C2C server and data path.
- 09/29/15 - A telecom was held with SwRI, TRF, and DAL to discuss further action with the LBJ C2C connection. Items discussed and items that need attention:
- Joe to request full network diagram from LBJ.

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- DAL to deploy the partner switch which is still located at DalTrans.
- SwRI previously sent TRF and DAL LBJ C2C Test plan.
- Joe to fill-in TxDOT's goals for the plan and send to LBJ further review.
- NTE is currently connected to FTW's 5.2.0 C2C and is the same for 5.2.0 C2C DAL.
- Joe to check with LBJ to see what differences are needed from NTE implementation for the LBJ implementation.
- Group reviewed FTW NTE Connectivity layout diagram.
- 04/23/15 - During the status telecom, Joe stated that he had not received a response from LBJ.
- Joe said that he would be scheduling a meeting with LBJ and TRF asked that Adam and Mere be included.
- 03/17/15 - DAL indicated that they forwarded on their questions to LBJ Express.
- 03/13/15 - SwRI produced and distributed an LBJ C2C integration test plan DRAFT document (v.1.0.0.p1) for TxDOT's review, with a number of questions and assumptions called out in the test plan needing confirmation from LBJ and the group.
- SwRI also drafted and distributed a new DFW C2C Layout diagram (v.1.1.3.p1) for TRF's review, detailing potential support for the LBJ C2C connection.
- 03/10/15 - SwRI began drafting an LBJ C2C integration test plan.
- 03/05/15 - Per the DAL Issues telecon with TRF/DAL/SwRI, DAL indicated that they believed LBJ was ready for testing.
- SwRI to generate a new Test Plan document, using the NTE plan as a basis.
- DAL to coordinate meeting with LBJ Express and SwRI/TRF to determine correct needs and data configuration.
- 03/04/15 - SwRI and TRF confirmed that they had still not been contacted by the LBJ Express project.
- 02/19/15 - During the DAL Issues telecon, it was discussed that DAL would check if LBJ contacted TRF.
- 01/08/15 - Per the status telecon with TRF/DAL/SwRI, DAL reprted that they had no further updates on this item.
- 11/19/14 - Per status telecon with TRF/DAL/SwRI, DAL began communications with LBJ last week to restart this effort after the Lonestar upgrade (probably within the next month). Will eventually be a partner connection similar to NTE/FTW.
- If connected through DAL, to use C2C connection DAL-ITS-APP9, but DAL Partner Switches are not set up yet.
- FTW is currently connected to this group for NTE. – They have a direct connect now.
- Per Ron, may be able to funnel the DAL data via FTW then.
- SwRI was wondering if both the NTE and LBJ Express projects would be treated as one single C2C network Id (with a single providing source).
- Per DAL, Joe believes the LBJ Express and NTE are 2 separate projects, but DAL to confirm.
- Rick believes this project will just entail C2C status in both directions, and no C2C control anticipated.
- 03/26/14 - SwRI (Adam) offered troubleshooting and recommendations to Joe in attempts to solve the issues.
- 03/25/14 - In establishing the LBJ C2C connection, Joe (DAL) had some questions about errors he was receiving.
- TRF asked SwRI to investigate further.
- 02/24/14 - DAL provided a C2C Test Plan and Testing Procedures document.
- Still needed is information on the installed C2C components on both the contractors side and the TTI side in order to properly configure the C2C Test Suite parameters.
- SwRI briefly worked with TRF/DAL in attempts to collect information to establish the C2C Test Suite connection for testing.
- SwRI will be available for assistance as needed once DAL is ready.
- 02/21/14 - TRF requested SwRI be available to assist DAL with the C2C Test Client Setup.
- 12/04/13 - TRF provided an example diagram for the Austin to City of Austin C2C Connection to Joe (DAL).
- 09/25/13 - On 09/12/13, Joe Hunt (DAL) informed TRF (Charlie) that DAL will be establishing a data sharing connection between DAL and LBJ Express for C2C data.
- TRF provided an example testing document used for the FTW connection to the City of Arlington as a reference requested by Joe.
- DAL would like to use the DAL-ITS-APP9 server for this C2C connection .

AI: 2099	Status: Open	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: None	Districts: DAL, HOU, SAT	Updated: 2017-06-08
Summary: Misc - Publishing incidents to the HCRS system			
Related Issues: None			
Description: 11/18/2011 David Fink said he and Charlie had been talking about pushing incidents to TxDOT's Highway Conditions Reporting System (HCRS) using C2C. He expressed interest in this and asked what would be involved in getting Houston's incidents published from RIMS to HCRS.			
<ul style="list-style-type: none"> • 06/08/17 - This is a new comment • 03/01/17 - SwRI further investigated and gathered information from SAT, FTW, DAL. • 10/20/16 - Had initial meetings with TRV division. Waiting for additional information to proceed with integration. • 08/07/15 - Added DAL as part of this effort. • DAL also requested the Lonestar have the ability to create reports for events entered throughout the day and new items to be addressed for the next shift, as well as the ability to email lane closure information. • SwRI to provide HCRS status to DAL. • 03/18/14 - As per the Status Telecon, TRF is not sure if this is possible. TRF to gather as much info as possible and get back to SAT with an update. • 02/13/14 - TransGuide (SAT - David) requested from TRF a time to discuss coordination between Lonestar and HCRS. David would like to look into merging Lonestar information (Traffic Conditions) with the states HCRS. • Betty (TRF) offered to schedule a WebEx to further discuss. 			

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- 6/6/12 (i) David has spoken to the Houston PIO and confirmed that the HCRS interface is still being redesigned. His impression is that they are finishing up and will probably deploy the new version around August.(ii) New interface no longer uses reference markers – this is a helpful change for HOU as they do not use reference markers.(iii) The new HCRS specifies roadway segments for road closures.
- 5/18/12 SwRI had heard from another district that TRV was in the process of redesigning the interface to HCRS, and therefore wanted to hold off on setting up any automated publishing.- Passed this information on to David. He will discuss with the HOU PIO next time they meet and ask about the status of the HCRS interface.
- 2/17/2012 David reiterated his interest in this. He said that TRV has also expressed interest to Houston. He commented that he may pursue directly with TRV if TRF does not respond.
- 1/9/2012 E-mail from Lynne to Charlie asking if he would like to discuss this further.
- 1/6/2012 Discussed further details with David (see status report).

Status: Open

Priority: Major

AI: 5089	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Construction message posting incorrectly			
Related Issues: None			
Description: 03/15/17 - Joe reported that a construction response plan message was still active while the Events scheduled time stated that it should not be.			
<ul style="list-style-type: none"> 03/16/17 - SwRI investigated and was able to reproduce the issue. If the recurrence start and end time are configured first, and then a change is made to them using the date time picker, the recurrence start and end time do not update. 			

AI: 5088	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: None	Districts: DAL	Updated: 2017-03-29
Summary: DMS font reverting to standard			
Related Issues: None			
Description: 03/12/17 - Joe reported that a response plan message kept reverting to Skyline Standard when attempting to change. SwRI to investigate.			

AI: 5087	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: DMS Window EventID			
Related Issues: None			
Description: 03/15/17 - Dallas saw an issue with closed events still showing on the DMS window, EventID. Clicking on the link does nothing. SwRI has seen this issue before but hadn't seen it in the newer LS version. SwRI to investigate.			

AI: 5086	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: C2C TrafficLand/DAL			
Related Issues: None			
Description: 03/06/17 - TRF asked SwRI to assist TrafficLand with adding the C2C data from the DAL district to their collector.			
<ul style="list-style-type: none"> 03/09/17 - SwRI reached out to Jay Cohen and Laura Gibson to inform them that Dallas cameras should be available through the TxDOT C2C feed they are currently receiving district data through. 03/07/17 - SwRI confirmed that the TrafficLand Collector on TxDOT-ITS-APP6 contained current data for all districts including snapshots for DAL1. 			

AI: 5085	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Lonestar slow login			
Related Issues: None			
Description: After a few minutes, the CPU usage went down and we didn't see any issues. SwRI to get with DAL to see if this has happened again.			
<ul style="list-style-type: none"> 03/17/17 - Troy reported that all users were having a hard time logging into Lonestar. He said that the login screen would hang while trying to authenticate with SAA. Waiting several minutes would finally work. SwRI looked at the task manager on the CSD and Database server and saw that CPU usage was extremely high the Database server. 			

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AI: 5063	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Second Device Priority set to "N/A"			
Related Issues: [LS-3722] - newly added messages to response plan do not set priority			
Description: 02/22/17 - Jason saw an issue with a second device showing "N/A" as the priority on an event.			
<ul style="list-style-type: none"> 02/23/17 - SwRI was able to replicate the issue and resolved the issue for a future release. 			

AI: 5062	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: DMS Error: Auto Font Handling Caused Alert Failure			
Related Issues: None			
Description: 02/20/17 - Joe reported that Dallas was seeing DMS errors in auto font handling.			
<ul style="list-style-type: none"> 02/23/17 - SwRI fixed the issue and the fix to be released on an upcoming upgrade. 			

AI: 5061	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Event Reminder Popup			
Related Issues: None			
Description: 02/23/17 - Roger reported that, if an event is minimized and the Event Reminder "View Event" button is pushed, nothing happens. The event will not open up.			

AI: 5060	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Amber/Silver Alert Not Posting			
Related Issues: None			
Description: 03/02/17 - Joe reported that he and several operators could not post an Amber Alerts. Clicking "Execute" would leave the messages in a pending state.			
<ul style="list-style-type: none"> 03/07/17 - SwRI investigated and found that a database exception was being thrown due to a multi text problem. Somehow the message was saved with multiple new lines and this caused the exception. SwRI believes this happened at the time of execution and the response plan is not currently saved this way. SwRI to continue to monitor. 03/06/17 - Craig reported that he experienced this same issue. 03/03/17 - SwRI fixed the issue and released it into production as LS 6.1.4.3 test code. 			

AI: 5048	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Execute Response Plan not always executing			
Related Issues: None			
Description: 02/14/17 - Craig reported an issue with response plans not always executing.			
<ul style="list-style-type: none"> 02/16/17 - Roger said that in his experience, the function requires two clicks even with waiting two minutes. SwRI to investigate. 02/15/17 - SwRI was not able to replicate the issue. SwRI suggested waiting 5 plus seconds for SAS to get and schedule the response plan. 			

DAL Action Items

AI: 5047	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: EM Response Plan executed by logged off user			
Related Issues: None			
Description: 02/07/17 - Joe found an event with a response plan that was executed by someone that was not logged into Lonestar. SwRI confirmed the issue and will look into a fix for a later release.			

AI: 5046	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: DMS Inaccurate			
Related Issues: None			
Description: 02/14/17 - Craig had another issue with a DMS showing inaccurate OP status. DAL has no communication with the sign yet LS shows "Active".			
<ul style="list-style-type: none"> 02/17/17 - SwRI looked into the issue and found two issues. First will be addressed for the next release. Second, is an issue that requires SwRI to investigate further. The current workaround is for the sign to be placed out of service and back into service. 			

AI: 5045	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: CNA Email incorrect lane selection			
Related Issues: None			
Description: 02/17/17 - Dallas reported that the CNA email through an event was showing Right Shoulder when selecting a left shoulder. SwRI confirmed the issue when HOV lanes were to the left of the shoulder.			

AI: 5044	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Unable to drag devices into response plans			
Related Issues: None			
Description: 02/05/17 - Jason reported that dragging devices to response plans was not working. SwRI verified that it was not working. SwRI to investigate for future release.			

AI: 5043	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Planned Event disappearing			
Related Issues: None			
Description: 02/08/17 - Larry had an issue with Planned Events disappearing while trying to create them. Jason also saw the same issue the day before.			
<ul style="list-style-type: none"> 02/09/17 - Rick Edwards experienced the same issue. 			

AI: 5042	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: DMS display infinite not working			
Related Issues: None			
Description: 02/15/17 - Dallas reported that Display Infinite was not working and it was only working for one hour. SwRI to investigate.			

DAL Action Items

AI: 5041	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: EM not saving causing system to crash			
Related Issues: None			
Description: 02/15/17 - Jason provided steps on how to reproduce an EM issue that was causing it to not save changes and crash. SwRI to investigate.			

AI: 5023	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: HOV US75 NB Midpark DMS			
Related Issues: None			
Description: 02/02/17 - Craig reported that the HOV US75 NB Midpark DMS was failing while trying to post travel times. SwRI looked at the logs and found an error with the size of the message trying to be sent.			
<ul style="list-style-type: none"> 02/06/17 - SwRI configured the sign to use fonts and restarted DMS. SwRI to check with DAL to see if the issue is resolved. 02/03/17 - SwRI looked further in the logs and found that this issue was happening before the upgrade on 2/1. Craig was able to post a message with 13 characters. Anything over that would cause an error. Joe restarted the controller in the field at 4:32 pm and it did not fix the issue. SwRI found that the default font might have been wrong. There is an amber alert currently on the sign using font 3. SwRI asked DAL if they could provide the dimensions in pixels to configure the sign. 			

AI: 5022	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: IH30 WB SH205 and US67 NB Danieldale DMS Error			
Related Issues: None			
Description: 01/24/17 - Joe reported that the IH30 WB SH205 and US67 NB Danieldale DMSs were going in and out of comm fail. SwRI to investigate.			

AI: 5021	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Priority Travel Time Configuration			
Related Issues: None			
Description: 01/24/17 - It was discussed that SwRI would configure the Dallas Travel Time priority for Dallas with local detection having first priority followed by INRIX. This would be done using the instructions provided by Michael.			
<ul style="list-style-type: none"> 01/25/17 - SwRI started working on IH30 corridor. 			

AI: 5009	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Website missing cameras			
Related Issues: None			
Description: SwRI identified a number of similarities between this issue and what happened on Friday. SwRI made a configuration change which may prevent this from happening again. SwRI to test further internally. The data was restored.			
<ul style="list-style-type: none"> 1/12/17 - Craig reported that multiple cameras were missing from the DAL website. This has been happening quite frequently and Dallas did not restart the publisher to allow SwRI to investigate. 			

DAL Action Items

AI: 5008	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Data Request for detectors in 5 minute intervals			
Related Issues: None			
Description: 01/20/17 - Dallas requested data for a few detectors for all of 2016 in 5 minute intervals. Joe said the data was needed by the end of next week. SwRI to gather information and provide to DAL.			

AI: 5000	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Video Quality Issues			
Related Issues: None			
Description: Craig provided a video showing the issue.			
<ul style="list-style-type: none"> 01/06/17 - NTTData performed the password recovery and DAL lost video from SAT16 and portion of SAT3. 01/05/17 - TRF sent a follow up email other personnel to see if there was an update to this issue. A ticket was opened in November for this issue. Joe updated that he activated two ports on encoder, 10.213.111.223 and found that 5 existing cameras now had the same issue that was seen. NTTData needed to take down the field stack switch. The restart was scheduled for tomorrow. 01/04/17 - Bill provided an update from NTTData stating that they Terry was in the process of installing the Blue Tree modem. 12/27/16 - Craig reached out to SwRI concerning the high amount of degradation of video quality on all Dallas cameras. Craig said that every few seconds the video would pause and pixilate then return to normal. This affects all cameras system wide. 			

AI: 4975	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: INRIX Data slowing down LS UI performance			
Related Issues: None			
Description: 12/21/16 - Craig reported that having the INRIX data toggled on would cause the Lonestar Map Interface to slow down to the point where it takes several seconds to receive a response from any action.			

AI: 4972	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Add INRIX data into Lonestar			
Related Issues: None			
Description: Dallas to provide SwRI with a prioritized list of roadways.			
<ul style="list-style-type: none"> 12/14/16 - Craig provided the INRIX priority travel times lists to SwRI. 12/08/16 - During the bi-monthly telecom, Dallas said that they would like to add INRIX data to their current system to help in the case of lost data. They said that the INRIX priority should be second. 			

AI: 4971	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Low TSS Ling Speeds During Off Peak hours			
Related Issues: None			
Description: 12/07/16 - Joe found that links where speeds were low in off peak hours when volumes were occasionally hitting zero in lanes were bringing down the link speed.			

DAL Action Items

AI: 4970	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Satellite Video Switching Issue			
Related Issues: None			
Description: 11/28/16 - Dallas still had no video switching to SAT 16. They restarted the Field switch and most cameras came up except for 4 cameras.			
<ul style="list-style-type: none"> 02/15/17 - As an update, Bill heard that the NTTData capture was complete and was provided to Cisco. 02/09/17 - Bill provided an update of what was discussed during the Bi-Monthly telecom. 01/24/17 - Bill worked with NTTData and DAL to troubleshoot SAT 16. Nahum closed the ticket that was opened for this. 			

AI: 4969	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Missing Fort Worth Camera Feed			
Related Issues: None			
Description: 11/30/16 - Joe reported that they were no longer able to see the FTW camera feed. SwRI to investigate.			

AI: 4968	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: SAT 8 Video Switching Issue			
Related Issues: None			
Description: Bill added this to the ticket for SAT 16 and SAT 15. This has been elevated to Cisco as well.			
<ul style="list-style-type: none"> 01/03/17 - Bill informed all parties that NTTData was checking on the status of the blue tree modem that was needed in place to access the field stack switch. 12/27/16 - Joe said that he issue had spread to SAT 7. Bill to follow up with NTTData. 12/22/16 - SwRI had Dallas restart the field stack switch to give Cisco access to the switch. SAT 3 and 16 are still not active after the restart. 12/20/16 - The upgrade was scheduled for 11:30am. The upgrade was completed and Dallas moved the power sources and booted up the machines. Joe reported that they had video but no video switching capabilities. SwRI restarted CCTV process and all was up except for SAT3 and 16. Bill confirmed that video from SAT 3 and 16 were reaching the decoders in the satellites without any problems. Bill reported the issue to NTTData. NTTData to investigate and bring Cisco in if needed. 12/14/16 - Dallas still had no switch video capabilities. Switching was restored. NTTData returned the stack switch to the original IOS version after there was a problem with the third and fourth switches. NTTData to reach out to Cisco for assistance. Troy provided a list of IP addresses that could not be switched. Bill investigated. NTTData consulted with Cisco and was ready to upgrade the IOS on the stack switch. Bill asked them to have someone onsite for quick recovery if need be. DAL suggested performing the upgrade tomorrow at 9:30 am. Bill delayed the upgrade until early next week. 12/13/16 - NTTData attempted to install the IOS updated and the switch did not update. Nahum attempted to upload a new copy. SwRI was onsite and power cycled the stack switch due to them not coming back online after the upgrade. 12/12/16 - Joe reported that the SAT 8 video switching issues had not improved. Bill spoke with NTTData and they would like to try to upgrade the IOS on the switches as per direction from Cisco. 12/05/16 - Dallas was unable to switch video out of SAT 8 on the 10.213.108.x subnet. Bill connected to the decoder connected directly to the field switch and spot checked a few cameras. They were working and he asked DAL to provide a list of cameras that are not operational. 8 cameras are being affected by the outage. 			

DAL Action Items

AI: 4967	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: SAT 15 Video Switching Issue			
Related Issues: None			
Description: 11/29/16 - Joe reported that Dallas was without video switching for a leg of SAT 15 cameras. 8 cameras were affected. Joe stated that this would be a good time to cut over SAT 15 to a UPS which will require the field switch to be offline.			
<ul style="list-style-type: none"> 12/01/16 - SAT 15 was now online but 12 cameras were still not active. SwRI investigated and found it to be a similar problem to what was seen on SAT 16. Bill passed the information to NTTData and they are going to handle it under the same ticket as SAT 16. Bill to continue to assist NTTData. 			

AI: 4966	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Intersection Data Not Updating			
Related Issues: None			
Description: 11/30/16 - Craig reported that intersection data was not saving in Lonestar. He made changes the day before and the data was saved successfully.			
<ul style="list-style-type: none"> 12/01/16 - SwRI investigated and found that EM inter4section cache was out of sync with the SAA cache. LS integration issue, LS-3389 was opened to track the issue. SwRI disabled the lane configuration override feature for EM to no longer override changes to the lane configuration in SAA plugin. 			

AI: 4941	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: CCTV - Tracking status of cameras per location			
Related Issues: None			
Description: 09/09/16 - During the maintenance conference, Dallas (Rick) asked for a way to generate a report that showed the status of cameras per location. This could also include PTZ status as well as video and snapshots.			

AI: 4940	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: SAT 5 Video Switching Issue			
Related Issues: None			
Description: 11/15/16 - Craig reported that they were experiencing the same issue on SAT 5 as previously seen on SAT 3 and 16 after installing an addressable power strip to be able to reboot them remotely.			
<ul style="list-style-type: none"> 11/17/16 - Joe confirmed that he was able to switch the cameras now. Bill did see an issue with the video arriving at decoder 10.213.109.204. Bill fixed the settings to the decoder and asked DAL to change the Ethernet cable to see if that fixes the issue. 11/16/16 - Bill checked the cameras and saw that they were working. 			

AI: 4916	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: NTTA C2C Lonestar Agreement			
Related Issues: None			
Description: 10/18/16 - Yang Ouyang with NTTA reached out to DAL to test the C2C features and gather any agreements that might be needed to do this.			
<ul style="list-style-type: none"> 10/26/16 - Alex Power made changes to the ITS questionnaire and sent it back to Dallas to make changes. The agreement will start once TRF receives the updated questionnaire completed by Dallas and NTTA. 10/25/16 - SwRI provided DAL with a sample XML file with FTW data. 			

DAL Action Items

AI: 4915	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: PTZ window keeps UI focus			
Related Issues: None			
Description: 10/27/16 - DAL reported that while having the PTZ window open and moving any other LS UI window would change the UI focus to be set to the PTZ window causing a camera to move. This AI was created to track this issue.			

AI: 4914	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: PTZ controls outside control grid			
Related Issues: None			
Description: 10/27/16 - DAL reported that clicking outside the PTZ control grid could potentially send a command to a camera. This AI was created to track this issue.			

AI: 4913	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL, FTW	Updated: 2017-03-29
Summary: C2C missing data feed			
Related Issues: None			
Description: Action Item created to track the C2C data outage to partner connections.			
<ul style="list-style-type: none"> 02/16/17 - David Ho from Kapsch reported that the C2C feed was missing. SwRI restarted the last collector to restart the data. 02/16/17 - Kapsch reported C2C data outage. SwRI restarted the last collector to trigger a network delete. The data was restored. 02/10/17 - Kapsch reported issues with the FTW data feed. SwRI triggered a network delete to repopulate the data and it Kapsch confirmed the data was restored. 01/20/17 - Kapsch reported that they were not receiving messages from their FTW C2C DI. SwRI triggered a network delete and it cleared up the issue. 01/10/17 - Kapsch reported a C2C data outage. SwRI reviewed the stream and did not see an issue. SwRI triggered a network delete to repopulate the data and Kapsch verified it was flowing. 12/21/16 - Trusty reported an outage with the C2C feed. SwRI restarted the process and Trusty confirmed the data was restored. 11/15/16 - As an update to the reported outage from TrafficLand on 11/15, the reported that the cause was due to a database issue on their end. The issue was resolved. 11/07/16 - Kapsch reported keep alive failures from the Dallas C2C feed. SwRI suggested either switching the extractor connection or install a new extractor and connect it to the Test Client provided in the tool kit. Trusty and Michael provided a list of things that were known and provided them to the group. 11/01/16 - Kapsch deployed the latest C2C toolkit and started to receive keepAlive alerts for pre-production and production system. Trusty stated that SL reported the same error as seen before, error writing to connection stream. 10/30/16 - Kapsch reported a data outage. Outage was due to FTW-APP24 issue. FTW AI# 4927. 10/28/16 - Investigated outage reported by Trafficland. No issue was seen on the TxDOT side. Trafficland to investigate. Kapsch also reported an outage. SwRI investigated. 10/16/16 - Trusty Pei with Kapsch reported a C2C outage. SwRI restarted the plugin which restored the connection. 			

AI: 4899	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-03-29
Summary: SAT 3 Video Switching Issue			
Related Issues: None			
Description: AI created to track the configuration of SAT3.			
<ul style="list-style-type: none"> 12/09/16 - Dallas was unable to switch to any video out of SAT 3 on the 10.213.103.x subnet. 11/08/16 - An old ticket opened at the request of Transitions Networks was closed. 11/07/16 - SwRI (Bill) continued to work with DAL on the issue. 11/04/06 - Joe reported that after troubleshooting with the contractor, two issues were found. The conclusion was that the field switch or the router was the issue. SwRI investigated and found that they needed to include NTTData at this point. SwRI looked at the video switching issues for IH30 and provided DAL with the findings. 11/02/16 - Meeting to be held on Friday with DAL and Transition Networks regarding the ongoing problem with getting video out of SAT3. 10/12/16 - Craig tested and found the issue to still be active. NTTData reverted the changes. 10/11/16 - Craig asked what the status was and Mitch said that NTTData was checking on the status of the ticket. Mitch stated that the ticket was completed and needed to be tested. 10/04/16 - Ticket was submitted. 			

DAL Action Items

- 10/03/16 - Bill provided a draft ticket for TRF.

AI: 4887	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: New Daktronics Sign at IH35E NB ant Sandy Lake			
Related Issues: None			
Description: SwRI added Daktronics as a manufacture to Lonestar in DAL and provided further information to add the sing.			
<ul style="list-style-type: none"> 03/03/17 - Dallas reported that the font for the Daktronics sign was displayed extremely small. SwRI found that the Response Plan used to send the message was sending the wrong font tag. SwRI to look into fixing this issue. 02/08/17 - Jason stated that the sign could not display a proper sized message since the LS upgrade where all DMS were grouped together. SwRI to see how this will be handled in a future release. 11/15/16 - SwRI spoke with Scott Hagen about how Lonestar handles line spacing and because of this, the line spacing could not be set by Lonestar. 11/08/16 - SwRI attempted to configure the line spacing using TNT. While testing, the sign lost connectivity and the Digi needed to be restarted. SwRI asked DAL to restart and will continue to investigate. 10/18/16 - DAL would like to incorporate full color graphics on the new Daktronics sign using a highway shield on travel times. 10/17/16 - Craig informed SwRI that DAL received complaints that the vertical spacing of the message on the sign were too close together. SwRI to resolve. SwRI renamed the fonts for easier readability. 10/14/16 - Craig reported that a silver alert was activated the night before and the Daktronics sign font was too small to read. SwRI found the cause of the issue and will look at finding a way to correct it. 10/13/16 - Craig provided 3 fonts to be used on the Daktronics sign. SwRI configured the fonts in Lonestar. 10/10/16 - Craig provided the installation instructions to Vanguard. 10/03/16 - Craig provided the documentation for the new sign. SwRI spoke with Vanguard to see how to configure the font. 09/29/16 - Craig reported that they could communicate with the sign but could not post a message to it. SwRI to review the sign configuration. SwRI found that the community name was not correct and made the change. The sign was polling successfully. Joe still could not send a message to the sign. SwRI configured the sign and successfully posted a message to it but the message was too small on the sign. New fonts would need to be configured to scale properly. SwRI reached out to Daktronics and are waiting for an email response. 09/27/16 - DAL asked SwRI for assistance in adding a new Daktronics sign into Lonestar. 			

AI: 4867	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: DMS not displaying message, hung in pending state			
Related Issues: None			
Description: SwRI to investigate.			
<ul style="list-style-type: none"> 12/08/16 - Craig reported that this was still an issue. SwRI to investigate. 09/07/16 - DAL reported that they were still seeing issues with messages not posting to DMS's. Some of the messages stay in pending state and are not seen for days. Resending the message fixes the problem. Dallas did say that the signs are working correctly and have been checked using the vendor master software. 			

AI: 4856	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Cameras out of order in UI windows			
Related Issues: None			
Description: SwRI cloned Joe's account and did not see the same issue. SwRI to continue to investigate.			
<ul style="list-style-type: none"> 09/13/16 - SwRI was able to replicate the issue and will continue to investigate. 09/08/16 - Joe reported that the camera list on all UI's was not appearing in order. 			

DAL Action Items

AI: 4849	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Cross Streets missing from Response Plan drop down			
Related Issues: None			
Description: 08/24/16 - Dallas reported that all the cross streets after Harry Hines were missing from the Response Plan drop down menu. SwRI added the missing cross streets using a backup of a database.			
<ul style="list-style-type: none"> 02/24/17 - SwRI found that the Cross Streets were missing. SwRI ran a script to restore the missing cross streets and restarted SAA to restore them. SwRI to investigate and leave AI open. 12/13/16 - While onsite, DAL said this was not an issue anymore and could be closed. AI moved to close on next report. 08/25/16 - SwRI investigated and pinpointed a time frame of when the cross streets were removed. A copy of the database was taken to investigate further on a test system. 			

AI: 4837	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: TSS/TTA Update Roadway			
Related Issues: None			
Description: Action Item to track SwRI working on testing and implementing TSS and TTA ordering scripts.			
<ul style="list-style-type: none"> 09/28/16 - Shawn with AECOM had to run a script to fix the KPI reports. SwRI to test reporting before closing the AI. 09/01/16 - SwRI complete script 3 and 4. SwRI fixed the device ordering for the travel time links. 08/31/16 - SwRI completed script 2 of 4 and ordered the travel time links. 08/30/16 - SwRI completed script 1 of 4. 08/15/16 - SwRI setup a DAL test system with a current backup of the DAL database to test ordering the TSS and TTA scripts before pushing to the production system. SwRI to continue testing. Plans are to run the scripts in production next week. 			

AI: 4823	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Failed Detectors polling successfully			
Related Issues: None			
Description: 07/25/16 - FTW reported that detectors that have failed will sometimes start polling and have valid data with up to date timestamps, but the detector status remains failed. They currently did not have one active while onsite. FTW to leave a detector in that state the next time it happens to let SwRI investigate.			

AI: 4803	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Extracting Volumes from Lonestar			
Related Issues: None			
Description: 07/12/16 - Joe asked if there was a way to gather daily counts or other specified times to pull data from Lonestar.			
<ul style="list-style-type: none"> 07/13/16 - SwRI informed DAL that the data requested was available through SRA reports but SRA was having issues. A fix was being worked on to resolve this. 			

AI: 4782	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: TSS - Lonestar Crash			
Related Issues: None			
Description: SwRI asked if more information could be provided and Craig said that he was working on the IH30-Loop 12 detector mapping to add lanes. Craig was trying to rename the first lane to "exit ramp" when it crashed. He said that he was able to successfully reconfigure the lanes for the detector the next day.			
<ul style="list-style-type: none"> 08/25/16 - Craig reported a similar crash and asked SwRI if this issue could be moved to higher priority. SwRI to continue to investigate. 07/13/16 - Craig reported a UI crash while working with TSS. SwRI to gather more information and investigate. 			

DAL Action Items

AI: 4771	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: EM - Closed Events not clearing			
Related Issues: [LS-3747] - Events remain close on the map when closing the event with an activated response plan			
Description: 07/08/16 - Joe reported that Dal was experiencing an issue with closed events staying active on the Even Summary window after being closed.			
<ul style="list-style-type: none"> 02/21/17 - SwRI looked into the issue and fixed it for a later release. 02/20/17 - Joe reported that a closed Silver Alert stayed visible on the Event Summary screen. There are now two closed events still appearing. 08/23/16 - SwRI restarted EM to remove the stranded events. SwRI to continue to investigate. 08/18/16 - Joe reported that 5 closed events remained in the Event Summary window. SwRI to investigate the cause. SwRI took a backup of the current database to try to replicate the issue. 08/09/16 - Joe reported that 3 closed incidents remained active on the Event Summary window. SwRI investigated and found that restarting EM would clear the events. 07/22/16 - Joe reported that two events were closed and still appeared in the UI. SwRI investigated and found that this was one case that was not seen before. SwRI to further investigate. 07/11/16 - SwRI restarted EM and the stranded events from 7/8 were removed. AI to remain open to track other occurrences of this kind. 			

AI: 4767	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: TSS - Detector name does not allow special characters			
Related Issues: None			
Description: SwRI to investigate.			
<ul style="list-style-type: none"> 06/24/16 - SwRI looked into the issue and found that this was always the case. Lonestar has never allowed special characters for TSS names. This would need to be added as a Lonestar enhancement. 06/23/16 - Craig reported that Lonestar did not allow for detectors to be created with parentheses in the name. Dallas currently has detectors with parenthesis in the name. 			

AI: 4764	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Misc - Action Item to upgrade Lonestar to 6.1.x			
Related Issues: None			
Description: Action Item created to track the progress of upgrading Lonestar in DAL to version 6.0.7.x			
<ul style="list-style-type: none"> 03/03/17 - Lonestar 6.1.4.3 test code was placed in Dallas to fix the issue with planned and unplanned events not posting. The update was for EM and the UI. 03/01/17 - SwRI completed the Lonestar 6.1.4.2 upgrade fixing various issues. 02/28/17 - SwRI completed the pre-device testing. 02/24/17 - Dallas was scheduled to be upgraded to Lonestar 6.1.4.3 on 3/1. SwRI completed the upgrade documents and sent them to TRF for review. 02/15/17 - SwRI upgraded DAL to LS 6.1.3.4 to fix various issues. After the upgrade, the ClickOnce installer was not working for various users. SwRI fixed the issue. 02/01/17 - SwRI Completed the LS 6.1.3 upgrade. Problems found were added to the district support report. LS 6.1.3.1 was released to fix some issues found in Dallas. 01/31/17 - SwRI trained the second set of operators on the LS 6.1.3 system. SwRI finished the pre device testing. 01/30/17 - SwRI was onsite to give the first round of training to the operators for the LS 6.1.3. 01/27/17 - SwRI completed the pre-upgrade documentation and sent it to TRF for review. 01/19/17 - SwRI got with DAL to set a date to deploy Lonestar 6.1.x in Dallas. The date is scheduled for 1/30/17. SwRI to compile upgrade documents and upgrade the DAL1 test system. 01/11/17 - SwRI installed a patch update to the DMS subsystem to help with additional logging to track the wrong op status issue. 01/10/17 - SwRI upgraded DAL2 to 6.0.5.3 and continued to troubleshoot the issue. 09/07/16 - SwRI installed Lonestar 6.0.7.4 in Dallas to find the cause of the disappearing cross streets from the EM drop down menu. SAA and the UI were updated. 07/20/16 - SwRI upgraded DAL to Lonestar 6.0.7.2. The only updates were to DAA and SRA. 06/27/16 - SwRI released and upgraded DAL's CClickOnce to upgrade the UI's to LS 6.0.7.1 06/24/16 - SwRI sent TRF the completed upgrade documents for LS 6.0.7 06/21/16 - SwRI completed the LS 6.0.7 upgrade. 06/17/16 - SwRI worked on and completed the Dallas upgraded documentation. SwRI sent the documents to TRF for review. The upgrade was scheduled for 6/21. 			

DAL Action Items

AI: 4748	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: UI/EM Enhancement - Add "Express Lane" to lane type			
Related Issues: [LS-3553] - Add new lane type for Express Lanes			
Description: LS-3553 was opened to track the future enhancement.			
<ul style="list-style-type: none"> 06/14/16 - Joe requested a Lonestar enhancement to add Express Lanes as a configuration type for EM lane types. 			

AI: 4741	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Modifying a cross street does not update until restart of UI			
Related Issues: None			
Description: SwRI was able to reproduce the issue. The UI was not updating the changes being made. A restart of the map was needed to show the modifications.			
<ul style="list-style-type: none"> 06/10/16 - Joe reported that he could not modify cross streets through SAA. Integration issue LS-2586 has been opened to track the issue to resolution. 			

AI: 4729	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: DMS Message not posting after showing "Completed"			
Related Issues: None			
Description: SwRI to investigate.			
<ul style="list-style-type: none"> 05/11/16 - Mitch spoke with Don Geist about the logging feature for Skyline. Don said that the only logging option available was to put the Envoy software in "Debug" mode which will capture all communication between Envoy and the controller. The log would then need to be sent off to Skyline to decipher. SwRI did not thin the information to be useful and thought that the sign could be blanking due to something else communicating with the sign and blanking it or, a problem with the controller which causes it to lose the message. SwRI also provided a couple of options to resolve this issue. 05/10/16 - SwRI found that two of the signs that had this issue were dialup signs. The message was posted to the sign and at some point Lonestar polled the sign and found them to be blank an hour later. SwRI asked if it would be possible to pull diagnostics from the sign using the Envoy software. 05/09/16 - Craig reported that Dallas had been seeing that a DMS queue showed "Completed" yet the sign had no active message. Pressing "Resend" would post the message. 			

AI: 4716	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Event device UI cut off			
Related Issues: None			
Description: SwRI advised that the conversion process to WPF should fix this issue, but converting the windows will be a slow process.			
<ul style="list-style-type: none"> 05/09/16 - DAL reported that their response plan devices were being cut off by the UI and did not render after the window was expanded. SwRI believes this is due to an issue in windows forms with increase font size configurations. SwRI advised that users should keep their font at 100% and lower the screen resolution of the monitor if legibility is an issue. 			

AI: 4640	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Lonestar dump files from 2/22			
Related Issues: None			
Description: 02/22/16 - Joe provided Lonestar Dump files for Rick Edward and Roger Wahlquist for the previous week.			
<ul style="list-style-type: none"> 02/26/16 - SwRI looked into the issues and found that the issue could be caused by the DMS control window. SwRI added the issue for a future fix to LSINT-2130. SwRI to investigate further. 			

DAL Action Items

AI: 4577	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: EM Event Report / Incident Summary Report			
Related Issues: None			
Description: SwRI performed several tests on the test system to find the best option for DAL to get the yearly reports. <ul style="list-style-type: none"> 07/06/16 - SwRI found that AI #4246 and 4408 were similar to this AI and were merged. 04/08/16 - SwRI worked on completed the database query to generate the report. SwRI to test on test system before using on production system. 04/06/16 - Craig reported that he could not run an "unplanned event" report for the month of March. SwRI to investigate. 04/05/16 - Craig sent SwRI a sample of what they would like to be included in the report. 03/18/16 - Craig stated that he would get with Joe and Troy next week to get their input. 03/17/16 - SwRI determined the cause of the issue was due to an event which had 150,000 event history entries. SwRI generated an event summary report for DAL so that the report would be manageable. SwRI ask DAL what an ideal Event Report would look like for them, so that SwRI could further investigate possible solutions. DAL to discuss internally and reply with input. 03/14/16 - Craig reported that they still can't run a report for 2/1/16 through 2/29/16 and requested a update on the investigation. SwRI reported they were still looking into the issue. Logs show to be attempting to return over 1500 events in the time span of the month which can equate to MBs of data. SwRI will continue investigating the issue 02/18/16 - SwRI continued to investigate the issue through the 18th and will continue to investigate. 02/10/16 - Craig reported that the LS UI was failing to retrieve the EM event report for the timespan of a month. He had success in generating the report in the past. SwRI to investigate 10/02/15 - Craig provided a spreadsheet with what was wanted and would also like: <ul style="list-style-type: none"> Event ID (unique ID) Incident End Time Roadway Clearance start and end time Facility Name (needs to be a separate column rather than a "Location: IH30 at Ferguson") Date and time in separate columns (if possible) 10/01/15 - Craig asked SwRI if it would be possible to run incident report similar to one he provided. SwRI found that the report was generated directly from the database. SwRI suggested that DAL/SwRI add an enhancement request to generate a report with DAL's parameters. 07/10/15 - SwRI tested generating a detailed report on the production site in monthly intervals and was successful. SwRI to follow up with DAL. 07/09/15 - Joe attempted to pull EM detailed reports for an entire year and was unable. 			

AI: 4423	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Delete Detector Issue			
Related Issues: None			
Description: SwRI needed to restart TSS to resolve the issue but would hold off until Monday. <ul style="list-style-type: none"> 10/27/15 - SwRI continued to discussed internally how to fix this issue. 10/26/15 - SwRI logged into the Dallas system to restart TSS and found that someone had restarted the subsystem over the weekend. The error no longer occurred and the detector was removed. Craig asked if SwRI could provide detail instruction on how to do this in the future without issues. SwRI provided 2 options to delete the detectors. 10/23/15 - Craig needed to delete detector SH183-SH1114 from Lonestar and he would get a message from the log stating that it could not be done. SwRI looked into the error and found that an unhandled exception was thrown and could be reproduced on the SwRI test system. SwRI found that the SH114 detector was mapped to a virtual detector of the same name. 			

DAL Action Items

AI: 4382	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Incident Summary Report			
Related Issues: None			
Description: 10/01/15 - Action Item created for an enhancement request. Dallas would like to generate custom reports.			
<ul style="list-style-type: none"> 01/04/17 - DAL requested an EM report for the month of December. SwRI provided the report. 12/01/16 - DAL requested an EM report for the month of November. SwRI provided the report. 11/01/16 - DAL requested an EM report for the month of October. SwRI provided the report. 10/01/16 - DAL requested an EM report for the month of September. SwRI provided the report. 09/01/16 - DAL requested an EM report for the month of August. SwRI provided the report. 08/01/16 - DAL requested an EM report for the month of July. SwRI provided the report. 07/19/16 - DAL requested an EM report for the month of June. SwRI provided the report. 06/06/16 - DAL requested an EM report for the month of May. SwRI provided the report. 05/25/16 - DAL requested a report for the entire year of 2015. SwRI was able to generate the report. 05/20/16 - SwRI used the query on the database to generate the report Craig asked for. April and March were provided to DAL. 10/02/15 - Craig provided an Excel spreadsheet with data that Dallas would be interested in generating. Craig mentioned that Dallas would also like to have: <ul style="list-style-type: none"> Event ID (unique ID) Incident End Time Roadway Clearance start and end time Facility Name (needs to be a separate column rather than a "Location: IH30 at Ferguson") Date and time in separate columns (if possible) 			

AI: 4344	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-05-21
Summary: Managed Lanes Project			
Related Issues: [LS-3544] - Fix correct Collection Id getting archived in DAA_TRAVEL_TIMES table			
Description: 08/26/15 - SwRI was informed by DAL that reversible lane gates would be installed in Dallas later this year. This AI will track the progress.			
<ul style="list-style-type: none"> 12/08/16 - This AI was further discussed during the Bi-Monthly telecom. Discussed items were: <ul style="list-style-type: none"> DAL spoke with the vendor and he said that he would be able to assist DAL also spoke with Transcore which did this in Houston. They have experience No funding at this time but they might have possible resources This is for tying in the field device that do not have a controller VAB – works manually in the field just like a garage door. They want to tie this into the gate controller Devices are not currently in the field SwRI would like some devices for testing purposes DAL will need some sort of conflict system where both are down or both up. They can't be opposite Gates are not accessible through IP right now 10/20/16 - It was discussed during the AI telecon that there are no IP controllers in place yet. DAL interested in moving forward with ML effort for checklist, reports purposes. Per Rick, DAL does want to pursue this 10/14/16 - SwRI informed DAL that getting the Managed Lanes system in place for Lonestar would provide DAL a checklist and reports even if there still aren't any gates to control yet. 07/12/16 - Joe stated that DAL should be able to test sometime after July 22nd since they just received word that the modems would be installed around then. 03/15/16 - SwRI was able to confirm the new rule while verifying a Lonestar driver sent and received bytes using the IP and port provided on the 9th. 03/09/16 - Joe provided the terminal server IP and port. 03/08/16 - Henry Wickes asked SwRI if changes could be made to MLS system. Henry provided a list of examples. Cynthia Clark provided the prototypes for the three types of reports to be delivered with the MLS. 03/07/16 - The engineer emailed SwRI and informed them that testing could start. 03/03/16 - A ticket was submitted with IT for Firewall rules to support the managed lanes project. Meredith verified that the rule was in place. SwRI continued to work on testing internally. 03/02/16 - Joe provided information for the gates. Bill provided the draft ticket to add a firewall rule to support the DAL Managed Lanes project. 03/01/16 - Lynne provided preliminary documentations with screenshots for the MLS. 02/29/16 - Teleconference was held with TRF, DAL, and SwRI to discuss the MLS. Notes and questions were provided and sent by Meredith. 02/25/16 - Lynne sent TRF and DAL the schedule for the development and testing of devices for the MLS. 			

DAL Action Items

- 02/18/16 - SwRI sent DAL a list of items that still need further information.
- 02/16/16 - SwRI provided TRF with the manage lane schedule for review.
- 02/12/16 - A telecom was held with TRF, DAL, AECOM, and SwRI to discuss the current status of the reversible lane system.
- 01/29/16 - Joe provided the latest diagram. Bill to look at the diagram in more detail.
- 01/27/16 - Lynne sent TRF and DAL documentation provided by District 4 in Florida about their reversible lane procedure.
- Craig provided documentation to SwRI.
- 01/26/16 - SwRI asked DAL for more information concerning the Versilis devices.
- 01/21/16 - DAL provided contact information for Versilis. Joe also provided the Plan sheets.
- 01/14/16 - Joe provided additional information for the Vehicle Arresting Barrier (VAB).
- A meeting was held to discuss further action. Mere provided the notes to DAL and TRF. Action Item updates for this AI include:
 - SwRI to generate and provide estimates to TRF, indicating what is needed to make the April deadline
 - DAL to provide project plan sheets to determine what the automated procedures will be
 - DAL to provide SwRI a Versilis contact for more technical discussions
 - DAL/TRF to schedule a biweekly conference call to make sure everyone knows what's going on and who's doing what
 - Need to generate game plan and schedule
 - Next Webex/conference call to be scheduled once estimate is ready and provided
- 01/13/16 - SwRI provided DAL with a list of questions after reviewing the documents provided by DAL.
- 01/12/16 - Joe provided an agenda for the meeting to take place on 1/14.
- 01/04/16 - SwRI asked DAL if Lonestar needed to control a vehicle resting barrier through a third interface.
- Joe stated that there was no controller at this time. DAL was working with the vendor to find a solution.
- 12/18/15 - SwRI asked DAL if there were any updates to this AI and Rick provided the latest copy of the Standard Operating Procedures Manual.
- 11/18/15 - Joe sent SwRI the equipment API and protocol document. Joe stated that DAL is currently working on the operations plan.
- 11/17/15 - SwRI sent DAL an email reminder requesting equipment information and operation plan.
- 09/29/15 - A telecom was held with SwRI, TRF, and DAL to discuss further action with the reversible lane gate system. Items discussed:
 - Gates to be located on IH30 Tom Landry going from/to Arlington and Grand Prairie.
 - The gates to be managed HOV lanes.
 - Software was to have a conflict monitor in place.
 - DAL asking for TRF to ask SwRI to add feature in LS to remotely open/close gates with conflicting monitor.
 - The project to be completed very soon.
 - Another similar project on 35 Express to be completed in 2017.
 - SwRI asked DAL to provide any equipment information available.
 - DAL to provide Operations Plan.
 - The equipment will be an open/close single-line DMS.
 - Versailles Gates
 - Vehicle resting barrier controlled by Eagle 2070 controllers.
 - Rick would like to discuss rolling out and note a target date.
 - DAL noted that this is something that could not be ready by the end of the calendar year.
 - DAL asked for a rough target date in which a response of 3rd quarter of next year was given which would push the ready date to early 2017.
 - Per Rick, the 2 projects meet together.

AI: 4160	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Error on ITS Public Page			
Related Issues: None			
Description: TRF and SwRI to discuss website feature.			
<ul style="list-style-type: none"> 12/08/16 - Joe said this is still an issue. SwRI to investigate further. 10/20/16 - Joe to check and see if this is still an issue. 05/14/15 - Joe discovered that all lane closures showed the "Days Closed in Red" field as all red or gray on the website. SwRI looked into the issue and found that it was occurring because the "days closed in red" on the website directly corresponds to the recurrence information configured in Lonestar. When no recurrence is selected, the days of the week are all colored green. When "Every day" recurrence is selected, all days of the week are colored in red. A short term workaround to address both cases would be to configure the appropriate days of the week set. DAL suggested disabling the feature from the website. Turning of this feature would remove all Dallas lane closure going to the website. Joe stated that the "days closed in red" column did not show the actual days closed in red so should not be there. 			

DAL Action Items

AI: 3845	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Address TSS detector quality checks			
Related Issues: None			
<p>Description: 6. Detector identifier, "LaneName", does not match old detector names or old ID numbers. We should recommend using old detector ID numbers so we can continue processing the performance measures for the Daltrans Report and for the Detector Data Warehouse effort. This may require developing a translation table.</p> <ul style="list-style-type: none"> 01/20/17 - SwRI was able to verify using the C2C feed that all updates were being sent through C2C with the correct timestamps. SwRI asked DAL to verify with TTI that the timestamps they use are included in the data and not the time at which they receive the data. 01/18/17 - DAL was still waiting for the detector to be repaired but saw two more detectors with the same issue, archiving every 20 seconds. SwRI tried to gather raw output data using the vendor master software to ensure the data is consistent. Joe asked SwRI if they could install an extractor on APP14 to check the data. SwRI believed that all C2C data should be published to C2C regardless of communication latency. 01/16/17 - SwRI attempted to connect to the Valwood Pkwy detector to continue investigating and was unable to. Lonestar reported the detector as failed. DAL said there was an outage on 35 express causing the outage. 01/10/17 - Joe informed SwRI that DAL has seen a few issues with link data in Lonestar not matching their raw data. Joe provided spreadsheets for SwRI to look at. 12/08/16 - Craig has not seen any issues. Joe to get with TTI to pull a report and make sure this is not a concern anymore. 10/20/16 - Craig to check if there are still any issues. 03/14/16 - Craig reported that the SB IH45 - Loop 12 to Loop 12 South detector was reporting different data in Lonestar from what the vendor master software showed. SwRI to investigate 07/28/15 - SwRI spot checked the sensors and the settings were not reverted. The changes made in June persisted. 06/11/15 - Joe informed SwRI that they had modified the detectors to 20 seconds. Joe provided an updated spreadsheet. SwRI double checked the modified detectors to make sure the changes were not reverted. SwRI to check the detectors in a couple of weeks to make sure the changes are saved. 05/29/15 - SwRI reviewed the latest quality checks that Joe provided on the 14th and found many devices that were misconfigured. SwRI provided DAL with spreadsheet showing the discrepancies. SwRI also provided DAL with detailed instructions on reconfiguring each detector. 05/14/15 - Joe provided the results from the latest quality checks for the DalTrans detectors. Joe reported issues with volumes over 300. SwRI to continue to review the document and the detectors in question. 04/24/15 - SwRI followed up with DAL and found 2 detectors with wrong intervals. No changes were made. 04/23/15 - Joe provided an update to the quality checks from TTI on the decoders. SwRI sent DAL and update to the detectors concerning volume. 04/21/15 - SwRI provided DAL with the results of the investigation. Volume > 300 occurred due to detector interval and Lonestar poll cycle being unequal. Speed > 0 and Volume = 0 occurred because during periods of no Volume, some detectors report the last known speed with a volume of 0. 04/09/15 - SwRI continued to investigate the detector issue. 03/26/15 - DAL provided a new quality report. SwRI to investigate remaining issues. 03/17/15 - SwRI emailed DAL the newly determined statistics found/noted on 3/4 and asked that DAL provide another quality report (for data starting from Saturday, 2/28/15, or later if possible). 03/05/15 - SwRI provided a status update (detailing the newly determined statistics found/noted on 3/4) during the DAL Issues telecon with DAL/TRF/SwRI. SwRI is further investigating the 'Speed = 0 and Vol/Occ > 0', 'Speed > 0 and Vol/Occ = 0', and 'Occ > 0 and Speed/Vol = 0' conditions. As discussed during the telecon, DAL to provide another quality report (for data starting from Saturday, 2/28/15, or later if possible). 03/04/15 - SwRI ran the same queries mentioned in the original quality report over a day's worth of data, using the 5 minute interval aggregate data. The following counts were determined since various TSS configuration changes were made for the DAL1 system: <ul style="list-style-type: none"> Volume > 300: 0% Speed = 0 and Volume and Occupancy > 0: 0.0135% Speed > 0 and Volume and Occupancy = 0: 7.8211% Speed > 80: 0.0009% Negative Speeds: 0% Occupancy > 0 and Speed and Volume = 0: 0.0044% 03/03/15 - SwRI began re-reviewing current TSS flat file data to compare status of the previously provided quality check report from 1/16 (for detector data archived from 11/30/14-12/6/14). 02/26/15 - SwRI completed DAL1 system configuration corrections for some detector configuration anomalies found. 02/17/15 - SwRI asked DAL for an update on the remaining Wavetronix/WavetronixHD sensors reporting high speeds in LS (from the listing provided on 1/29). DAL reported that additional detector configuration changes were made at the detectors for most of the ones included in the listing provided by SwRI on 1/29. No adjustments were made for 3 of the sensors. Unit settings of MPH for speeds were also confirmed for the sensors. 02/10/15 - SwRI compiled and reviewed a listing of virtual and non-virtual detectors with odd configuration in the DAL1 LS system for which further analysis is being conducted. 			

DAL Action Items

- 01/30/15 - Joe reported that the IH20-DallasTarrant C.L. Wavetronix detector was configured in US units and that DAL adjusted the zones and speeds to hopefully resolve the counts for the detector.
- 01/29/15 - SwRI (Lynne) reconfigured some of the lengths for the Bluetooth detectors on IH45, and the sensors were reporting better data afterwards.
- Lynne provided DAL a list of devices filtered by speeds over 90 MPH.
- Lynne also reported per a random spot-check that there was a Wavetronix device (IH20-DallasTarrant C.L.) reporting speeds in excess of 100 MPH, for which SwRI believes the unit is misconfigured at the detector, reporting speeds in Km/h rather than MPH.
- DAL to check that the other Wavetronix devices are configured correctly at the detector as well for MPH (per the listing SwRI provided via email).
- 01/28/15 - SwRI (Lynne) reviewed some of the latest archives and concentrated on devices where speeds were greater than 90 MPH. A couple of problems were isolated:
 - Some of the lengths for the Bluetooth detectors on IH45 appeared to be misconfigured.
 - A couple of Wavetronics devices were reporting speeds over 100 MPH. DAL to please check the configuration and verify that the devices is set to MPH and not Km/h.
- 01/21/15 - DAL confirmed that the data source for the provided quality check info was from the .csv files stored on \\dal-its-app11\ArchiveFiles from 11/30 to 12/6.
- As reported, SwRI is further analyzing the data provided.
- 01/20/15 - SwRI asked DAL how the quality check data was gathered.
- 01/16/15 - DAL emailed additional quality check data, indicating that there are speeds consistently over 100 for Bluetooth links.
- DAL also noted that there are extremely high volumes on various detectors for which DAL could not explain and that DAL verified that all DAL1 system detectors have bin data intervals set to 20 seconds.
- 01/08/15 - Per telecon with DAL/TRF/SwRI, DAL to provide more recent status and/or SwRI to gather more information while on-site.
- 12/11/14 - DAL confirmed that for the Iteris sensors in the DAL1 system, the detectors are being binned every 20 seconds and have been since the LS conversion.
- 12/09/14 - DAL provided the completed LS 5.1.3 post device testing document, detailing most of the confirmed detectors' configured poll cycle values.
- 11/21/14 - SwRI provided the revised post-Lonestar 5.1.3 device status testing spreadsheet for DAL to complete, with the newly added TSS detector column for DAL to verify the configuration of each detector's configured poll cycle.
- 11/19/14 - Per status telecon discussions with TRF/DAL/SwRI, Joe reported that DAL performed some TSS sensor quality checks with TTI on 11/3.
- The group determined that further review is needed.
- From the reported data, it appears that volumes were not adjusted for 20 second intervals.
- SwRI believes that the detectors did not take the 20 second interval change, so detectors are not clearing out data between poll cycles.
- SwRI to send the updated post-testing spreadsheet to DAL for their testing, adding columns for TSS for verifying the configuration of the detectors poll cycles. DAL to perform the testing.
- DAL to point-out a few detectors from the 11/3 analysis with TTI for SwRI to further examine.
- Per email provided by Joe following the telecon, the issues discovered while examining detector data on 11/3 were as follows:
 - Issues with aggregated 5-minute data (per lane):
 - 38,882 records with Volume > 300. This is equivalent to volumes >3600 per hour per lane which is above 2400 vphpl capacity per HCM.
 - 46,871 records where speed =0 and volume >0
 - 5,749 records where speed >0 and volume =0
 - 1,659 records with speeds > 80; max. speed = 198
 - 1 record with negative speed – on SB US75 at Forest Lane

AI: 3842	Status: Open	Priority: Major	Created: 2017-03-29
Type: Other	Action With: None	Districts: DAL	Updated: 2017-03-29
Summary: Skyline Envoy software not working with digis and new controllers			
Related Issues: None			
Description: Joe indicated that for Skyline vendor master support, USB modems are needed to support the dialup signs, so DAL to still address this.			
<ul style="list-style-type: none"> 12/08/16 - SwRI asked DAL to provide a timestamp the next time this occurs to help troubleshoot. 10/20/16 When using the vendor master software, any DMSs on the same communication channel should be placed out of service in Lonestar. Craig to try this next time. 08/31/15 - Joe provided information that was found by the engineer using Wireshark. Skyline traced the issue with the standalone software to a network issue where packets are being corrupted/truncated. Bill looked at the data and found that the Digi was forming the packets correctly and was not a transport issue on the Ethernet side. Bill continued to perform checks. 04/23/15 - During the status telecom, Joe reported that they are having problems with 1/3 of the signs now. The majority are the 2070's but also some 3070's. DAL wanted to compare the settings to the FTW settings if possible. 04/07/15 - Contacted Mitch about similar issues in CRP. Mitch said he hadn't heard of any problems, but thinks they mainly use vendor software on laptop in the field connected directly to DMS. 03/26/15 - Issue still occurs. SwRI to follow up with CRP and determine what their configuration is. 01/08/15 - Per the status telecon with DAL/TRF/SwRI, DAL indicated that they needed to look at this item more as there were some more issues suspected for which they could not currently test. 12/05/14 - DAL provided Skyline a shipping address for Skyline to return the borrowed test digi from DAL. Skyline informed DAL that the Digi was shipped via UPS and provided a tracking number. 12/01/14 - TRF (Mitch) determined that the key setting change was to turn off the "Enable inter-character timeout" setting. Thus, special Digi configuration is required for newer Envoy software to communicate with the newer Skyline 2070 controllers. 			

DAL Action Items

- As determined with the DAL LS upgrade, for controlling the newer Skyline 2070 controllers with the newer Envoy software, the inter-character timeout setting needs to be turned off (left unchecked).
- For older controllers, this setting needs to be turned on.
- DAL confirmed with 5 signs in the field that turning off the specified setting enabled for successful communication to the signs via the Envoy software.
- 11/25/14 - Don confirmed an issue with Envoy software communication to the 2070 controllers (as the 170E/470IB controllers worked fine).
- Skyline provided a document detailing the configuration settings used to make the 2070 controllers work.
- 11/21/14 - Mitch reported that Skyline (Don) was still waiting to get an IP address assignment for the digi from their IT group to add to the Skyline network for testing.
- 11/19/14 - Mitch contacted Don at Skyline. Don confirmed he had the DAL Digi and reported he was waiting for their IT to provide an IP address that he can assign to the unit to be placed on their network.
- Once the address is provided, Don plans to start experimenting with the Digi to see if he can duplicate what DAL is experiencing now (for the failed communications to the newer Skyline controllers in the field, using different versions of the Skyline Envoy software), for which Skyline may hopefully determine a fix.
- During the status telecon with TRF/DAL/SwRI, Joe indicated that it was reported that the same Skyline Vendor Master software issue is also occurring in CRP and that both Envoy software versions (including the 4.09) won't successfully communicate to the newer controllers.
- 11/17/14 - Mitch emailed Skyline materials and information, detailing how TxDOT configures Digis so that Skyline could perform their tests, using the same configurations in efforts to try to reproduce the same issue DAL is experiencing now, using the Skyline vendor master software with their newer Skyline controllers.
- 11/14/14 - DAL provided Skyline a spare Digi.
- 11/13/14 - Per discussions at ITS TX, DAL to bring a spare Digi to the Skyline rep at the conference the next day for Skyline to conduct some additional testing against their vendor master software.
- 11/06/14 - SwRI sent email, documenting some additional information regarding the current Skyline vendor master support in DAL.
- DAL reported that the newer Envoy software is not working with DAL's newer Skyline controllers (~80%), and is only working with older Skyline controllers/signs (~20%).

Status: Open

Priority: Minor

AI: 4801	Status: Open	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Lonestar Crash Compatibility error			
Related Issues: None			
Description: 07/22/16 - DAL reported a compatibility error message on the Lonestar crash dialogue. DAL had not seen the error since. SwRI to keep AI open to investigate.			

AI: 4800	Status: Open	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: RCA connection sometimes crashes after CSD disconnect			
Related Issues: None			
Description: SwRI opened LSINT-2664 .			
<ul style="list-style-type: none"> 07/14/16 - Joe reported that RCA was not working and preventing DAL from posting messages to other districts. SwRI investigated and found that CSD had disconnected and RCA did not recover. 			

AI: 4737	Status: Open	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Lonestar Feature Request - Last camera toggle button			
Related Issues: None			
Description: This would be useful when working an accident and then the operator gets a phone call to look at something else. Instead of finding the previous camera on the switch video screen, the operator could press the "Previous" camera button.			
<ul style="list-style-type: none"> 05/19/16 - While onsite, Roger mentioned that he would like to see the option to go back to the last camera that was being viewed. 			

DAL Action Items

AI: 4407	Status: Open	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: DMS not posting message			
Related Issues: None			
Description: AI moved to lower priority and awaiting confirmation.			
<ul style="list-style-type: none"> 10/07/15 - Craig reported an issue with a DMS not posting a message. The DMS was IH30 EB Rosehill. Craig said that Lonestar showed the message to be posted but was in blank in the field. SwRI attempted to poll the sign and it was timing out. After a few attempts it returned a successful poll. SwRI believed that the sign was out of sync with Lonestar. SwRI placed the sign out of service and back to active. Once the sign came back into service, Lonestar showed the message had posted successfully. SwRI asked if DAL could confirm the message was posted. Craig said that the DMS was not viewable by camera and would require someone to drive by the sign. 			

AI: 4387	Status: Open	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Virtual Detection Zone Issue			
Related Issues: None			
Description: AI to be moved to lower priority to wait for DAL feedback.			
<ul style="list-style-type: none"> 09/22/15 - Craig reported that DAL was not able to see data from two Virtual Detectors zones on northbound and southbound IH45. Craig said that he was able to see the data using the Vendor Master but Lonestar was not displaying the data correctly. SwRI investigated and found the issue to be intermittent and was caused by a poor network connection. SwRI informed DAL that the Vendor Master software showed Northbound lanes reporting negative speeds and that the Southbound lanes were not consistent with Lonestar. SwRI recommended recalibrating the radar. 			

AI: 4342	Status: Open	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-03-29
Summary: Share plugin architecture with analysts			
Related Issues: None			
Description: 08/07/15 - DAL requests that the Lonestar plugin architecture be shared with analysts, so that DAL can create their own plugin to address preferences/issues without having to go to the state.			

AI: 4340	Status: Open	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-03-29
Summary: Create a read-only MS SQL database user			
Related Issues: None			
Description: 08/07/15 - DAL requested that a read-only MS SQL database user be created so they can run reports without being limited by Lonestar, or having to put requests in at the state level.			
<ul style="list-style-type: none"> 12/13/16 - While onsite, Dallas said they were still interested in this. SwRI to discuss with TRF. 			

AI: 4207	Status: Open	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL, FTW	Updated: 2017-03-29
Summary: DAA backup			
Related Issues: None			
Description: SwRI awaiting approval from TRF.			
<ul style="list-style-type: none"> 09/16/16 - During the action item telecom, it was discussed that Matt M. would ask Betty what we would need to do for the entire state since this is a global issue. 07/01/15 - SwRI attempted to backup and move the DAA database for DAL, ELP, and FTW to SwRI. The files were too big and could not be moved through Citrix. SwRI emailed TRF with a proposed server location for the backup of DAA to be placed on the local core server. 			

DAL Action Items

Status: Needs Authorization

Priority: Critical

AI: 4778	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-31
Summary: Modify detector issue due to map widget			
Related Issues: None			
Description: 07/11/16 - Craig reported an issue while trying to draw detection zones while using the Map. An Unhandled Exception was thrown. SwRI to investigate further.			
<ul style="list-style-type: none"> 05/31/17 - Testing 2 05/31/17 - Testing! 05/31/17 - Hello 10/20/16 - Moving to pending authorization. 07/12/16 - SwRI found that the UI Dashboard was saving the lines to the map widget causing an exception to be thrown when modifying them through Lonestar. The workaround was to remove the map widget from the dashboard and restart the map. LSINT-2655 was opened to track this. 			

AI: 4766	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Assembla Tickets not reporting			
Related Issues: None			
Description: SwRI will continue to investigate.			
<ul style="list-style-type: none"> 02/14/17 - SwRI found that the workstations had cached an older version of the website. The fix was to open the page and press Ctrl+F5 to force a reload of the page. This AI to remain open to make sure the issue was resolved. 02/13/17 - SwRI remoted into the workstations and did not see an issue. SwRI provided a list of steps to follow to troubleshoot further. 02/09/17 - During the bi-monthly telecom, Dallas said this was still an issue. SwRI to send Dallas some troubleshooting steps. 02/06/17 - Lonestar 6.1.3 was released in DAL that fixed the Assembla issue. Joe later reported that Chrome was not showing the device tickets. 10/20/16 - It was discussed during the AI telecon that this may be considered after the next LS release. AI moved to waiting authorization. 07/20/16 - LS-3570 was opened to track further. 06/17/16 - Joe reported that Assembla tickets could not be accessed through Lonestar. Every other aspect of Assembla was still operational. SwRI investigated and found that the issue could be related to a change with the Assembla API. 			

AI: 4682	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Detector Configuration Issue Saving New TSS Links			
Related Issues: [LS-3545] - "Not all lane pairings were found" displayed when saving a new tss virtual link			
Description: SwRI investigated and replicated the issue and determined it traced to a null value attempting to be used in the database query, causing the query to fail. LS-3509 was created for the issue.			
<ul style="list-style-type: none"> 05/20/16 - SwRI replicated the issue and added LS-3545. 05/16/16 - Craig reported that the UI displayed an error "Not all lane pairings were found" while attempting to save a new link to IH635-Oates-VD. SwRI to investigate. 04/18/16 - SwRI reported to DAL that LS-3509 was added to track this issue. SwRI also provided DAL the following workaround: <ul style="list-style-type: none"> When adding new links to detectors that already have one or more TSS links associated to it, the UI inadvertently sets the roadway direction value of the preexisting link(s) to the default value the new link is set to, causing a database error for an invalid roadway and direction combination. To avoid this, the administrator should check each associated TSS link and verify the roadway/direction of the link(s) is correct before pressing 'Save Mapping' to save the changes for the new link. 04/13/16 - DAL reported an issue saving new adjusted TSS links to a detector, after a detector was removed on SH183. More specifically, Craig noted he was trying to add links to the SH183-Loop 12-VD and SH183-Carl Rd-VD detector mapping which failed. 			

DAL Action Items

AI: 4570	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: EM - Saved desktop with open Even Reminder causes LS crash			
Related Issues: [LS-3472] - UI crash on startup if event reminder included in save desktop			
Description: SwRI to investigate			
<ul style="list-style-type: none"> 03/10/16 - Roger reported that Lonestar was crashing when logging on. SwRI investigated and found to be this same issue. SwRI reset the saved desktop settings through the database to resolve the issue. 02/08/16 - DAL reported that this crash reoccured. SwRI identified the issue as a result of the save desktop feature saving an event reminder window. Upon reload, the window would attempt to open without fully initializing. SwRI ran a database script to remove the event reminder window from the list of start-up windows for the affected user. Swri added FP #3472 to further track the issue. 01/24/16 - DAL reported that some operators were experiencing a UI crash while logging into lonestar. 			

AI: 4550	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Event Summary shows the wrong response plan			
Related Issues: [LS-3513] - EM response plans changes the base response plan upon activation			
Description: SwRI to investigate.			
<ul style="list-style-type: none"> 04/05/16 - SwRI added LS-3513 to further track the issue. 04/01/16 - DAL sent more information on the issues and how to replicate it. SwRI to continue investigating the issue. 02/02/16 - SwRI could not replicate the issue. Leaving the AI open in case it reoccurs. 01/25/16 - DAL reported that the event summary window sometimes showed a response plan that was not the current response plan. 			

AI: 4413	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Map crash while modifying detector mapping			
Related Issues: [LS-3400] - Map crash while modifying detector mapping			
Description: SwRI added FP #3400 to further track the problem.			
<ul style="list-style-type: none"> 10/27/2015 - Craig reported that the Lonestar Map crashed while attempting to modify a detector's mapping configuration. SwRI investigated and found what was causing the issue. 			

AI: 4309	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Add ability to lock events while editing them			
Related Issues: [LS-3385] - Add ability to lock events while editing them			
Description: DAL clarified that changes are often lost by another user reassigning an event while an operator is editing it. They suggested a hard lock would prevent the user from assigning an event, and a soft lock would warn the user that the event was being modified when the user attempts to reassign it.			
<ul style="list-style-type: none"> 08/21/15 - SwRI added issue 3385 to track the enhancement request. 08/07/15 - DAL requested that concurrency enforcement be added to events in the form of hard and soft locks while editing an event. 			

AI: 4308	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Copying DMS message should not reset beacon, priority, and duration values			
Related Issues: [LS-3384] - Copying DMS message should not reset beacon, priority, and duration values			
Description: DAL further clarified that the two acceptable scenarios are if the beacon, priority, and duration values are copied from the source DMS, or if the beacon, priority, and duration values are preserved on the destination DMS.			
<ul style="list-style-type: none"> 08/21/15 - SwRI entered FP #3384 to track the enhancement request. 08/07/15 - DAL requested that copying a message should not reset the beacon, priority, and duration values to their defaults on the destination DMS. 			

DAL Action Items

AI: 4307	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Right-clicking event does not select that event			
Related Issues: [LS-3383] - Right-clicking event does not select that event			
Description: 08/07/15 - DAL reported that right-clicking an event from the event summary window does not select that event. This can result in viewing or even closing the wrong event by accident.			
<ul style="list-style-type: none"> 08/21/15 - SwRI entered FP #3383 to track the enhancement request. 			

AI: 4306	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Add ability to activate a response plan prior to a planned event's start time			
Related Issues: [LS-3382] - Add ability to activate a response plan prior to a planned event's start time			
Description: DAL further clarified that it would like to active a response plan 2 hours prior to the start time of a planned event, at which point the response plan for the event would take over.			
<ul style="list-style-type: none"> 08/21/15 - SwRI entered FP # 3382 to track the enhancement request. 08/07/15 - DAL reported that there was no way to schedule signs 2 hrs ahead of a planned event. 			

AI: 4122	Status: Needs Authorization	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Map crash while modifying response plan title			
Related Issues: [LS-3344] - Map crashes modifying response plan title			
Description: SwRI entered FP #3344 to further track the issue.			
<ul style="list-style-type: none"> 05/11/15 - Craig reported a lonestar crash while modifying a Response plan. SwRI investigated and determined the crash occurred while modifying the response plan title. 			

Status: Needs Authorization

Priority: Major

AI: 4665	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: TSS Standalone locks up trying to load large number of C2C TSS links			
Related Issues: [LS-3511] - TSS Standalone locks up trying to load large number of C2C TSS links			
Description: SwRI confirmed this was an issue with the TSS Standalone processing a large number of C2C TSS Links. LS-3511 was entered to further track this issue.			
<ul style="list-style-type: none"> 03/24/16 - DAL reported issue that TSS Standalone locks up when user logs in and clicks the drag down menu on the TSS Link Status dialog. (MapInterface successfully loads the TSS Link Status dialog pointed to the same system). 			

AI: 4641	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Website lane closures do not distinguish between frontage roads lane closed and highway lanes closed			
Related Issues: [LS-3503] - C2C: No way to determine if lanes closed are on the frontage road			
Description: SwRI to look into further.			
<ul style="list-style-type: none"> 03/21/16 - SwRI added LS-3503 to further track the issue. 03/18/16 - DAL reported that the website does not list the lanes closed as belonging to the frontage road for lane closures causing confusion for anyone viewing the web page. 			

DAL Action Items

AI: 4635	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Event Info Page 2 SAVE button can get obscured			
Related Issues: None			
Description: SwRI to investigate.			
<ul style="list-style-type: none"> 03/24/16 - SwRI added LS-3504 to track the issue. 03/07/16 - DAL reported that resizing the Event window while on Event Info Page 2 can cause the "Show PTZ" button to obscure the Save button. 			

AI: 4622	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL, FTW	Updated: 2017-05-21
Summary: Allow operators to create events by right clicking on NWS Warning areas			
Related Issues: [LS-3493] - Allow events to be created by right clicking on stacked area events			
Description: SwRI added LS-3493 to track the enhancement request.			
<ul style="list-style-type: none"> 03/30/16 - SwRI investigated and found NWS events should have the same menu for both warnings and watches. SwRI requested clarification from DAL 03/10/16 - Joe reported that right clicking on an NWS warning area does not allow the user to create an event from that warning. It was requested that the ability to create events from the warning area be given, similar to how events can be created for Watch areas. 			

AI: 4551	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: One-call contact dialogue includes contacts without email configured			
Related Issues: [LS-3467] - Add ability to filter one-call contact dialogue to display email contacts			
Description: SwRI added FP #3467 to further track the enhancement request.			
<ul style="list-style-type: none"> 02/03/16 - DAL noted that when attempting to send one-call email notifications, the contact list included contacts without emails configured. DAL requested that this list only contain contacts that have emails. 			

AI: 4549	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Add ability to clone unplanned events			
Related Issues: [LS-3464] - Add ability to clone unplanned events			
Description: 01/25/16 - DAL requested that Lonestar be given the ability to clone unplanned events.			
<ul style="list-style-type: none"> 02/01/16 - SwRI added FP #3464 to further track the enhancement request. 			

AI: 4548	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: "Clone Event" menu option available when multiple events selected			
Related Issues: [LS-3463] - Disable "Clone Event" menu item during multiselect			
Description: 01/25/16 - DAL requested the "Clone Event" menu item be disabled when multiple planned events are selected.			
<ul style="list-style-type: none"> 02/01/16 - SwRI added FP #3463 to further track the enhancement request. 			

AI: 4546	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Cloned "Closed" event opens as "Closed"			
Related Issues: [LS-3462] - Have cloned closed events open as pending			
Description: 01/29/16 - DAL reported that if a Closed event is cloned, it opens in the Closed state. They stated it would be preferred if a cloned Closed event opened as Pending.			
<ul style="list-style-type: none"> 02/01/16 - SwRI added FP #3462 to further track the enhancement request. 			

DAL Action Items

AI: 4545	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Alphabetize TSS links in the virtual detector link mapping drop down list			
Related Issues: [LS-3461] - Sort virtual detector link mapping drop down list			
Description: 01/28/16 - DAL mentioned it would be useful if the TSS links in the virtual detector link mapping drop down list were alphabetized instead of having new links placed at the bottom			
<ul style="list-style-type: none"> 02/01/16 - SwRI added FP #3461 to further track the enhancement request. 			

AI: 4534	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: CNA tooltip timeout too fast			
Related Issues: [LS-3452] - CNA area tooltips time out too fast			
Description: SwRI to investigate.			
<ul style="list-style-type: none"> 01/19/2016 - SwRI investigated and added FP #3452. 01/12/2016 - DAL reported that the CNA area tooltips times out too fast, preventing operators for recording needed phone numbers. 			

AI: 4528	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Unplanned event sometimes gets into state of multiple refreshes erasing changes made before saving			
Related Issues: [LS-3375] - Info page 2 unsaved private comments are removed while modifying response plans			
Description: SwRI to investigate.			
<ul style="list-style-type: none"> 01/18/2016 - SwRI investigated and determined that terminating a response plan will remove any pending changes to the event. Added FP 3375 to further track this issue. 01/11/2016 - DAL presented SwRI with issue list mentioning that unplanned events sometimes get into states where the event refreshes often. The refreshes will erase changes such as private comments forcing operators to have to rewrite them multiple times. 			

AI: 4510	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: EM Event congestion lines on UI			
Related Issues: [LS-3474] - Filtering EM event icons by polyline/polygon/point			
Description: This AI was created to track the progress of this issue			
<ul style="list-style-type: none"> 12/16/15 - DAL would like the ability to toggle off/on the event congestion lines that appear on the map leaving the construction icon visible when off. 			

AI: 4509	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Events default to no end time			
Related Issues: None			
Description: This AI was created to track the progress of this issue.			
<ul style="list-style-type: none"> 10/20/16 - This is still an issue. SwRI to create an issue and move to "Needs authorization". 12/16/15 - DAL would like for Planned and Unplanned events to not default to no end time. 			

DAL Action Items

AI: 4507	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Default Event Type favorites for Planned Events			
Related Issues: [LS-3474] - Allow event types favorites to have separate configurations for planned versus unplanned			
Description: This AI was created to track the progress of this issue.			
<ul style="list-style-type: none"> 12/16/15 - DAL would like the Event type favorites to be configurable separately from Planned and Unplanned Events. 			

AI: 4506	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Area Filter tools tips			
Related Issues: [LS-3470] - CNA Area tooltips do not stay active long enough to read the information			
Description: This AI was created to track the progress of this issue.			
<ul style="list-style-type: none"> 12/16/15 - DAL reported that the tool tips for the Area Filters do not stay active long enough to read the information. 			

AI: 4483	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Data Archive spewing errors			
Related Issues: [LS-3417] - DAA generating error - Arithmetic overflow error converting IDENTITY to data type int.			
Description: Shawn corrected the issue by truncating the table. Shawn to look into a permanent solution.			
<ul style="list-style-type: none"> 11/18/15 - Shawn opened Footprints issue 3417 to track this. Now attached. 11/16/15 - while examining logs on the DAL1 production system, SwRI found a number of DAA errors logged. SwRI sent the error to AECOM. 			

AI: 4469	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Large Travel Times are showing incorrect time ranges			
Related Issues: [LS-3432] - Time range not correct for TTA travel time messages			
Description: 12/11/2015 - DAL reported that travel times above 10 minutes were showing time ranges of 4 minutes, instead of 3 as it is configured in the system.			
<ul style="list-style-type: none"> 12/14/2015 - SwRI investigated and discovered an issue where odd number time range configurations will display as 1 minute longer. SwRI created FP #3432 to further track the issue. 			

AI: 4353	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Missing object while in preview mode causes UI to crash			
Related Issues: [LS-3394] - Map crash exiting response plan preview mode			
Description: SwRI to investigate further.			
<ul style="list-style-type: none"> 10/10/15 - Joe reported that Jason Carr tried to execute a response plan, hit preview, and then crashed the map after pressing cancel. SwRI investigated and found the error to be the same as stated in this AI. 09/04/15 - SwRI investigate and was able to recreate the issue. If a user is in preview mode and any object that is represented on the map as an icon is deleted such as an event is closed, then when the preview exits and tries to repopulate the icons on the map, the map crashes with this exception. AI renamed and removed name "Lonestar Crash (Jason Carr 8/28/15)" SwRI to work on resolution for future release. 08/28/15 - Troy reported a Lonestar crash on Jason Carr's workstation. 			

DAL Action Items

AI: 4343	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Video Tour modification issue			
Related Issues: [LS-3340] - Incorrect error when attempting modify Video Tour			
Description: As a workaround, SwRI can delete the stranded entries from the database until the issue is resolved.			
<ul style="list-style-type: none"> 12/29/15 - Issue still exists in Lonestar 6.0 08/18/15 - Craig had an issue modifying video tours. He received an error stating that the tour was active on several monitors. Craig terminated all active tours through CCTV administrator tools and still received the error. SwRI investigated and found that a single monitor had the "All Cameras" tour active in the database. The UI did not match the UI. SwRI removed the active tour entry in the database and restarted CCTV. SwRI confirmed that the "All Cameras" tour could be modified. Craig attempted to modify a different tour and received the same error message. SwRI found that video tours become stranded if CCTV is restarted while a tour is active. SwRI deleted the entries from the database and restarted CCTV. SwRI to discuss how to handle this in the future. 			

AI: 4332	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Use different descriptor to identify events in map pop-ups			
Related Issues: [LS-3391] - Use different value to identify events in map popups and tooltips			
Description: 08/07/15 - DAL requested that the UI use something other than event id to identify events in popups and tool tips. Using the event id makes it difficult for operators to differentiate between events.			
<ul style="list-style-type: none"> 09/01/15 - SwRI entered FP #3391 to track the enhancement request. 			

AI: 4330	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: End location does not use cross streets in events			
Related Issues: [LS-3390] - Modify EM so that events use a cross street for the end location			
Description: 08/07/15 - DAL reported that the end location in events default to the end of the highway instead of at a cross street. They suggested the end location can use the start location cross street since that would be the intersection for most events.			
<ul style="list-style-type: none"> 09/01/15 - SwRI added FP #3390 to track the enhancement request. 			

AI: 4327	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Modifying roadway lanes do not update event details			
Related Issues: [LS-3389] - Modifying lane configuration does not update event info			
Description: 08/07/15 - DAL reported that modifying lane details for roadways in SAA do not update event details for events at those intersections.			
<ul style="list-style-type: none"> 12/01/2016 - DAL reported that lane modificationn were reverted in their LS 6.0.5 system. Investigation found one cause to be due to the event not updating its lane configuration with the changes. It was determined that the issue was not the sole cause of the changes being reverted. SwRI will continue to investigate. 08/31/15 - SwRI entered FP #3389 to track the issue. 			

AI: 4326	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Response Plan claims it is scheduled when it is not			
Related Issues: [LS-3388] - Response Plan claims it is scheduled when it is not			
Description: 08/07/2015 - DAL reported that sometimes the UI claims a response plan is scheduled, when the response plan is not listed on any events.			
<ul style="list-style-type: none"> 09/28/2015 - Jason reproduced this error by terminating and executing an active response plan on a planned event. Jason found a work around by modifying the start date/time to be in the future, which will allow the response plan to be executed. 			

DAL Action Items

- 08/31/2015 - SwRI entered FP #3388 to further track the issue.

AI: 4305	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: truncate or wrap message text in a response plan when it is too long			
Related Issues: [LS-3380] - Wrap or truncate response plan messages that are too long			
Description: 08/07/15 - DAL requested that when a generated response plan is created, but the suggested message is too long for the device, the message be wrapped or truncated instead of left blank and a message be displayed notifying the user that the message was too long.			
<ul style="list-style-type: none"> 08/21/15 - SwRI entered FP #3380 to track the enhancement request. 			

AI: 4304	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Add search string ability for response plans			
Related Issues: [LS-3379] - Add ability to search for response plans by a search string			
Description: 08/07/15 - DAL requested that Lonestar be given the ability to search for response plans using a search string. They also wish for the response plan list to be filtered by the current highway of the event.			
<ul style="list-style-type: none"> 08/21/15 - SwRI entered FP #3379 to track the enhancement request. 			

AI: 4303	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Add ability to delete response plans from event window			
Related Issues: [LS-3378] - Add ability to delete response plans from the event status window			
Description: 08/07/15 - Dal requested that Lonestar be given the ability to delete response plans from the response plan editing panel in an event and not just from the Response Plan Manager.			
<ul style="list-style-type: none"> 08/21/15 - SwRI entered FP #3378 to track the enhancement request. 			

AI: 4302	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Automatically force planned event end date ahead of start date			
Related Issues: [LS-3377] - UI to change planned event end date when given a start date that is after it			
Description: DAL gave the example where increasing the "From" month should also increase the "To" month.			
<ul style="list-style-type: none"> 08/20/15 - SwRI added FP #3377 to track the enhancement request. 08/07/15 - DAL would like for the planned events end date to be automatically updated to be after the events start date when modifying the start date. 			

AI: 4301	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: CCTV camera preset labels are blank/missing			
Related Issues: [LS-3376] - CCTV camera preset labels are blank/missing			
Description: SwRI to further investigate.			
<ul style="list-style-type: none"> 02/01/17 - Roger reported that this was still an issue while onsite, after the LS 6.1.3 upgrade. 08/20/15 - SwRI entered FP #3376 to further track the issue. 08/07/15 - DAL reported that camera preset labels can sometimes be blank or missing. Restarting Lonestar generally fixes the problem. 			

DAL Action Items

AI: 4300	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Unsaved private comments are lost			
Related Issues: [LS-3375] - Info page 2 unsaved private comments are removed while modifying response plans			
Description: SwRI to investigate.			
<ul style="list-style-type: none"> 03/18/16 - Jason believes the disappearance of the text is correlated with sign postings. He noticed that the text only cleared while message were posting and did not after the signs finished. 09/09/15 - SwRI discussed how to move forward with this issue. 08/20/25 - SwRI determined the issue is caused by the event being reloaded when the data is updated from modifying response plans SwRI added FP #3375 to further track the issue. 08/07/25 - DAL reported that switching between info page 2 and response plan pages without saving can result in the loss of unsaved work entered into the private comments field. 			

AI: 4299	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: DMS is not defaulting to use auto-font			
Related Issues: [LS-3384] - Response plan DMS messages do not default to use auto-font			
Description: SwRI to further investigate.			
<ul style="list-style-type: none"> 08/21/15 - SwRI entered FP #3381 to track the enhancement request. 08/07/15 - DAL reported that Lonestar DMS is not defaulting to use auto-font, indicating that this is slowing down operations. 			

AI: 4298	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-03-29
Summary: Website confuses noon and midnight			
Related Issues: None			
Description: SwRI to contact Jason for more information and clarification.			
<ul style="list-style-type: none"> 08/21/15 - After further clarification SwRI verified the issue existed. SwRI created FP #3386 08/07/15 - DAL reported that the website is confusing noon and midnight timestamps. SwRI's preliminary investigation did not find the issue. 			

AI: 4217	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Large Timerange EM Report Issue			
Related Issues: [LS-3373] - EM reports time out when querying large time ranges			
Description: 07/08/15 - Joe was attempting to retrieve detailed EM reports for a year and was unable to from Lonestar.			
<ul style="list-style-type: none"> 08/18/2015 - SwRI created FP #3373 to track this issue. 			

AI: 4171	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Mike Shannon crash on 5/27/15			
Related Issues: [LS-3355] - Lonestar Unhandled Exception while using the PTZ form arrows			
Description: SwRI to continue to investigate.			
<ul style="list-style-type: none"> 05/27/15 - Joe reported that Mike Shannon experienced a Lonestar crash on 5/26/15 at 9:30pm. SwRI investigate and found an Unhandled Exception that had not been seen before. FP number 3355 was opened to track the issue. 			

DAL Action Items

AI: 4114	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Lonestar crash when modifying detector configuration			
Related Issues: [LS-3343] - Map crash while modifying detectors			
Description: 04/29/15 - Craig reported a Lonestar crash while trying to reconfigure a detector.			
<ul style="list-style-type: none"> 05/05/15 - SwRI entered FP #3343 to further track the issue. 05/04/15 - SwRI investigated and found that this exception had not been seen before. SwRI to research further. 			

AI: 4049	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Map crashes closing the TSS detector configuration window			
Related Issues: [LS-3327] - Map crashes closing the TSS detector configuration window			
Description: 03/09/2015 - DAL (Craig) reported an unhandled null reference exception, crashing the UI while trying to adjust lanes in the "Manage Detectors" window.			
<ul style="list-style-type: none"> 03/12/2015 - SwRI entered FP #3327 to further track this issue. 			

AI: 3942	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Lonestar crash while modifying response plan			
Related Issues: [LS-3339] - Attempting to add a DMS to a response plan crashes the map			
Description: SwRI to investigate further.			
<ul style="list-style-type: none"> 09/16/16 - FTW said they had not seen this issue and asked to be removed from the AI. 12/03/15 - Craig reported a crash while trying to modify a DMS message for an ongoing incident. SwRI found the crash to be the same as this AI. 11/10/15 - Craig reported a crash while trying to add a DMS to a response plan. SwRI found the crash to be the same as this AI. 10/16/15 - Rob reported a similar issue on Ops 6. SwRI determined the crash to be the same as reported before on this AI. 08/06/15 - Rob reported a similar issue on Catrina's workstation. SwRI determined the crash to be the same as this AI. 07/09/15 - Joe reported a similar crash on Mike Shannon's workstation. 07/02/15 - SwRI to review this crash further. AI states that it was resolved in LS 5.1.6 which is currently in FTW and DAL. 06/01/15 - Joe reported a LS crash on Mike Shannon's workstation. SwRI found the crash to be similar to this AI. 05/01/15 - FTW reported a LS crash. SwRI investigated and found that it was this same issue. 04/30/15 - FTW reported the same crash. FTW was added to the AI to further track. 04/08/15 - Joe reported a LS 5.1.6 crash related to adding a DMS to a response plan. SwRI added FP #3339 to further track the issue. 03/19/2015 - SwRI released Lonestar 5.1.6 containing a fix for FP #3301 03/10/15 - Joe reported a LS unhandled exception. SwRI reviewed the file and found that the error was resolved in LS 5.1.6 release. 02/11/15 - SwRI successfully replicated the error and entered footprints issue #3301 02/09/15 - Craig delivered a crash report to SwRI that included a related error. SwRI to investigate further. 01/15/15 - Craig reported that LS had crashed while trying to modify a response plan. The crash occurred after the LS 5.1.4 upgrade. SwRI requested more information to further investigate. Craig stated that the crash happened while modifying the event with response plan, "IH35E @ Colorado 3 right". Craig added a DMS to the response plan, saved it, and then clicked "Event info". 			

DAL Action Items

AI: 3941	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL, FTW	Updated: 2017-05-21
Summary: Error when trying to adjust video tour dwell time			
Related Issues: [LS-3340] - Incorrect error when attempting modify Video Tour			
Description: SwRI to review issue further.			
<ul style="list-style-type: none"> 09/16/16 - During the AI telecom, FTW stated that they had not seen this issue. SwRI to investigate. 12/29/15 - Issue still occurs in Lonestar 6.0 12/02/15 - FTW experienced this same issue while on site for the LS upgrade. FTW added to this AI. 04/15/15 - SwRI updated FP #3340 with further information regarding the issue. 04/10/15 - SwRI entered FP #3340 to further track the issue. 03/26/15 - DAL is still experiencing issue. SwRI to investigate further. 01/15/15 - While onsite, Joe reported an issue while trying to adjust the dwell time of a video tour. After a few minutes, an error message would popup saying that an error occurred while trying to save. Jaime reviewed the logs and found that the error was that LS could not modify the dwell time of a tour when a camera was currently being used on a tour. 			

AI: 3874	Status: Needs Authorization	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Address CNA areas tooltip access issue			
Related Issues: [LS-3248] - Map Does Not Correctly Handle Area Hovering When No Borders of the Area Are On Screen			
Description: Jason tried recreating the issue while Meredith was on-site, and later reported that he could not reproduce the issue again.			
<ul style="list-style-type: none"> 12/12/14 - SwRI tracked down the software problem and entered FP #3248 (Map does not correctly handle area hovering when no borders of the area are on-screen) to further track this issue. 12/11/14 - SwRI further investigated the issue, trying to determine the cause of the problem. 12/08/14 - DAL reported that 'no area tooltip unless crossing a boundary' issue was persisting again in the DAL1 system even though it could not be reproduced on 12/1. DAL indicated that the bug could be reproduced by the following steps: <ul style="list-style-type: none"> Turning on areas so you can see where they are Zoom in on a large Area until the map screen is completely filled with that color Turn off areas Turn on area (normal use case starts here) Note lack of tooltip Zoom out to see an area boundary Cross boundary with mouse pointer and come back; voila, tooltip. 12/01/14 - During SwRI's on-site visit at DalTrans, DAL operations reported an issue with CNA areas where Tooltips over the areas do not activate unless the operator crosses an area boundary. It was further reported that if the area fills the entire map screen, the operator has to zoom out until they can see (and cross) a border to get the tooltip to display. 			

Status: Needs Authorization

Priority: Minor

AI: 4341	Status: Needs Authorization	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-03-29
Summary: Use lower contrast colors on website			
Related Issues: None			
Description: 08/07/15 - DAL suggested using lower contrast colors on statewide website to increase legibility.			
<ul style="list-style-type: none"> 09/02/15 - SwRI entered FP #3393 to track the enhancement request 			

AI: 4149	Status: Needs Authorization	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Lonestar crash on 5/26/15			
Related Issues: [LS-3355] - Lonestar Unhandled Exception while using the PTZ form arrows			
Description: SwRI to investigate further.			
<ul style="list-style-type: none"> 05/27/15 - Joe reported a Lonestar crash that occurred on 5/26 at 9:30 pm. The crash happened to Mike Shannon. 			

DAL Action Items

AI: 3953	Status: Needs Authorization	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Set EM default reminder time to 0			
Related Issues: [LS-3285] - EM set default reminder time to 0			
Description: SwRI entered FP #3285 to further track this enhancement			
<ul style="list-style-type: none"> 02/03/2015 - DAL has requested the ability the change the default reminder time to 0 in order to reduce the chance of creating misconfigured Construction events. 			

AI: 3952	Status: Needs Authorization	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Increase visibility of unplanned events on the map			
Related Issues: [LS-3284] - EM Increase visibility of unplanned events on the map			
Description: SwRI entered FP #3284 to further track this enhancement			
<ul style="list-style-type: none"> 02/03/2015 - Unplanned event icons can be difficult to see on the map. Increasing the size or changing the color of the icons can help increase icon visibility. 			

AI: 3951	Status: Needs Authorization	Priority: Minor	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-05-21
Summary: Increase visibility of selected map filters			
Related Issues: [LS-3282] - Increase visibility of selected map filters			
Description: SwRI entered FP #3282 to further track this enhancement			
<ul style="list-style-type: none"> 02/03/2015 - The light blue box that currently signifies a selected filter is exceptionally difficult to discern. Filters should be changed in order to increase visibility. Examples of changes could be highlighting the label as well as the box, selecting a different color, or changing the label text color. 			

Status: Awaiting Release

Priority: Critical

AI: 4048	Status: Awaiting Release	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: Lonestar Freeze (Troy Graham 03/11/2015)			
Related Issues: None			
Description: 03/12/15 - DAL reported a frozen UI on Troy's machine on 03/11/2015 and submitted a dump file for SwRI to investigate.			
<ul style="list-style-type: none"> 05/07/15 - AI moved to pending development and verify with release of LS 5.2 03/17/15 - SwRI obtained the crash logs for Troy's laptop and will continue to investigate. 03/16/15 - DAL reported a LS freeze for Jason Carr. SwRI investigated and found that it was not a crash but a deadlock. Jason and Troy had the same deadlock. AI to be updated to state deadlock and not freeze. SwRI to continue to investigate. 03/13/15 - SwRI attempted to retrieve the Lonestar crash report from Troy's computer but did not have access. SwRI to request the crash file from DAL. 			

DAL Action Items

Status: Awaiting Release

Priority: Major

AI: 4459	Status: Awaiting Release	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL, FTW, SAT	Updated: 2017-05-21
Summary: EM - More filtering to be added to the Map UI for Event Filtering			
Related Issues: [LS-3740] - Add More Map UI Filtering For Different Subsystem Icons			
Description: Jira Issue LS-3496 was created for tracking this request.			
<ul style="list-style-type: none"> 04/12/16 - Some filtering was addressed in LS 6.0.4 to filter for point/line/region Events but further event filtering options will be added in a future release. 03/31/16 - Addressed in LS_6.0.4 03/07/16 - DAL requested the UI include more robust filtering, such that NWS events could be hidden apart from other event types. SwRI added LS-3496 in place of the previous JIRA issue. 12/01/15 - SAT asked that more filtering be added to the Map UI in order to filter out certain Events from the map such as what currently exists for DMS. 			

Status: Waiting for District Confirmation

Priority: Critical

AI: 4886	Status: Waiting for District Confirmation	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-03-29
Summary: EM Event changes reverting			
Related Issues: None			
Description: SwRI to investigate further.			
<ul style="list-style-type: none"> 11/22/16 - DAL asked if there was an update to this AI. This is currently a high priority item in Dallas. 10/20/16 - Changes to the event form handling were made for LS 6.1. Evaluate whether this is still an issue after deployment. 09/21/16 - Jason Carr reported that changes made to an existing unplanned event would revert sporadically. Jason provided a video of the issue. SwRI found this to be caused by the signs updating in the response plan. This update was running in conflict with the data entered by the user, causing the observed effect. 			

AI: 3911	Status: Waiting for District Confirmation	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL	Updated: 2017-05-21
Summary: Address issues with dmspoll2 DMS driver			
Related Issues: [LS-3256] - DMS Driver not closing the serial port when modem becomes unresponsive [LS-3257] - Valid packets reported as unsolicited from modem signs			
Description: SwRI indicated that they were further investigating logs to determine why the DMS driver stopped polling (as similarly reported in the past for dmspoll2).			
<ul style="list-style-type: none"> 04/07/15 - Joe reported a comm fail with most dialup signs on dmspoll2. Joe confirmed they signs were working through the vendor master software. SwRI looked into the issue and found that the odd state of the dmspoll2 driver also requires a restart of the DMS XML Interface. At this time DMS XML Interface will need to be restarted when restarting the driver. 03/31/15 - While onsite for the LS 5.1.6 upgrade, DAL experienced issues with the dialup signs crashing sporadically. SwRI investigated and reverted DMS subsystem to a previous test code. The signs were now functioning normally. 03/23/15 - SwRI found that the dmspoll2 process experienced an error on 3/19 at 4:32pm and restarted as set to do in Executive Handler. 03/13/15 - SwRI moved dmspoll2 back to DAL-ITS-APP12 and set the process to "Shut down and restart on timeout" in EH. 03/09/15 - Troy reported that DAL was unable to view DMS's on the map and GPIO plugin was grayed out. DAL noticed that DMS and DMS XML processes were stopped in EH. A restart fixed the issue. SwRI investigated and found that DMS experienced an out of memory exception on Saturday between 2:30 and 3:10 pm. 03/05/15 - Joe reported that all of the HOV/Dialup signs showed to be failed or pending but the all DMS view and list view showed differently. SwRI investigated and found that the cause was due to the database server running out of memory over the weekend and affected the DMS subsystem not the drivers. EH could not connect with APP12 and a restart corrected the issue. 02/26/15 - SwRI moved dmspoll2 to DAL-ITS-APP9 to move dmspoll2 away from the virtual servers. SwRI believes this will help due to the network issues that DAL is experiencing. 02/18/15 - Ron noted that the APP12 server appeared to be restarted at 9pm the night before. SwRI looked into the issue and found that EH got out of sync. SwRI recommended restarting APP12. DAL reported that DMS was working. 			

DAL Action Items

- 02/17/15 - DAL (Joe) reported a loss of communication with their dialup signs. Joe was unable to connect to EH remotely and restarted the terminal servers and modems connected to APP12.
- TRF investigated and determined that the dmspoll2 service was showing blank status. TRF started the service and it ran for a short period of time then exited.
- 02/03/15 - Craig reported that dmspoll2 was not responding.
- 01/14/15 - Joe reported a problem with DMS at 8:30pm. He restarted the driver to fix the problem.
- 01/08/15 - TRF provided approval for SwRI to prepare an LS 5.1.3.2 test code release to test the code changes made against the DAL1 system (to address the dmspoll2 driver issues reported).
- Per the telecon with DAL/TRF/SwRI, code changes were made and test code (LS 5.1.4.2) was prepared. If testing proves favorable, the fix will be part of next week's LS 5.1.4 release.
- SwRI coordinated a restart of DMS with DAL once the LS 5.1.4.2 DMS test code was put in place for the DAL1 system.
- 01/05/14 - SwRI indicated they were in the process of reviewing detailed logs to further investigate the recurring issue.
- FP #3256 and #3257 were created for the 2 issues identified.
- 01/03/15 - DAL reported that the dmspoll2 driver was continuing to have issues with becoming unresponsive, failing dialup signs.
- It was noted that this same issue occurred a few times before Christmas and again during the morning, where restarting the dmspoll2 service each time fixed the problem.
- DAL further noted that the issue becomes a major headache when it occurs ~3 AM on a weekday since most of the HOV signs are dialup.
- 12/08/14 - DAL reported that the dmspoll2 DMS driver stalled out, causing dialup signs to show active even though the message shown were not accurate.
- The dmspoll2 driver was restarted to resolve the issue.
- Joe asked if there was a way to have an alarm so that signs don't show an active state when they haven't been polled in hours.
- For this case, the driver wasn't polling devices, so it would be difficult to put the signs in an error state.

Status: Deferred

Priority: Critical

AI: 3844	Status: Deferred	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-03-29
Summary: Supporting Weather Stations in Lonestar			
Related Issues: None			
Description: 10/31/14 - DAL asked if there were any updates for supporting DAL's 2 weather stations in Lonestar, as the data from the units is used even more during the approaching Winter weather.			
<ul style="list-style-type: none"> 01/22/16 - SwRI provided the documentation to the vendor and gave DAL an update. 01/11/16 - Joe provided SwRI with config files for the sensor in Denton located at IH35E. 10/21/15 - SwRI informed DAL that Lonestar 6.0 would add the improved ESS subsystem mentioned in previous emails. The enhancement would give the framework needed to add support for additional devices into Lonestar at a later time after 6.0. SwRI asked Craig to provide any additional information on the devices such as interface/protocol specification if available. 10/07/15 - Craig asked if SwRI had looked into integrating weather station data into Lonestar since winter was coming. 11/19/14 - Per status telecon with TRF/DAL/SwRI, Craig asked about the anticipated timeline for DAL's weather stations to be integrated into Lonestar. Per Lynne, this is waiting on development for another project, so there is no set date at this time. But there may also be added benefits from the other project, with a NOAA data weather feed to be included, bringing in data from an XML feed in addition to any configured weather stations. 11/14/14 - DAL asked for another status update for this item. SwRI replied that as previously discussed, the ESS subsystem is being enhanced by the New England states. Once the enhancement is received, we will have additional capabilities for more easily adding support for weather devices to Lonestar. DAL replied that they would use the DalTrans software to keep track of their weather stations until the ESS subsystem is integrated into Lonestar. 			

AI: 3830	Status: Deferred	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Address Non-Working Cameras in Lonestar			
Related Issues: None			
Description: SwRI provided DAL a listing of encoders/cameras that could still not be reached (detailing ~50 cameras), which needed further assistance from DAL.			
<ul style="list-style-type: none"> 11/19/14 - Per status telecon with TRF/DAL/SwRI, LBJ cameras are currently off the website (with permission removed from the C2C status user). DAL reported that snapshot configuration was addressed for the other 3 non-LBJ Express cameras. Since snapshot configuration is only missing for the following 5 LBJ cameras in Lonestar (which are not posting to the website), the group decided to put this item on hold until status of the LBJ Express equipment changes. LBJ Express IH635 @ Preston LBJ Express IH635 @ Hillcrest LBJ Express IH635 @ Park Central 			

DAL Action Items

- LBJ Express IH635 @ Merit
- LBJ Express IH635 @ Greenville
- 11/13/14 - Bill asked Joe/Craig for an update on snapshot information to still be configured in LS for 8 cameras (including 5 LBJ cameras).
- Craig replied that the 5 LBJ Express cameras, and the IH35E-IH635 North and IH35E-Valley View cameras were still offline due to construction. He also reported that he was able to get up the SH183-Loop 12 camera that afternoon.
- Bill requested that DAL provide the snapshot info (encoder IP and port) so that LS snapshot configuration may be completed for the 8 remaining cameras.
- 11/06/14 - Per the telecon with DAL and TRF, DAL indicated that as Assembla tickets are processed, additional camera communication should be working.
- Per TRF, DAL to respond to the encoder email chain, detailing updates to newly working equipment.
- DAL also reported that CCTV tour configuration was complete.
- 11/04/14 - DAL reported on 11/4 that some cameras outages (~24) are the result of some construction projects.
- 11/03/14 - SwRI reviewed and configured CCTV encoder snapshot settings, updating the ECP to match and turning off video feeds previously pointed to non-existent addresses (which were causing stale snapshots).

AI: 3793	Status: Deferred	Priority: Critical	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Reconfiguration and Investigation of DAL Digs			
Related Issues: None			
Description: SwRI updated Digi configuration for signs to lockout of Realport software and backed-up the Digi configuration changes. (Some Digs were not able to be reached after the storms).			
<ul style="list-style-type: none"> • Digi summary (as of 11/19 discussions, and 11/12 email provided by DAL): • 10.2.18.40 – Terminal server replaced last week. You should be able to reach it now. • 10.2.18.41 – Power cut. Waiting on LBJ Express to repair it. • 10.2.18.47 – No longer exists. Removed as part of construction project. • 10.2.18.48 – No longer exists. Removed as part of construction project. • 10.2.200.21 – No longer exists. Camera controls moved from Digi to data broadcast unit.# • 10.2.200.22 – No longer exists. Camera controls moved from Digi to data broadcast unit. • 10.2.200.29 – Terminal server offline due to construction. Waiting on contractor to relocate camera pole. • 10.2.200.44 – No longer exists. Removed as part of construction project. • 10.2.218.31 – Power cut by building contractor at US75-Mockingbird, knocking this leg offline. Waiting on repairs. • 10.2.218.32 – Power cut by building contractor at US75-Mockingbird, knocking this leg offline. Waiting on repairs. • 10.2.218.33 – Power cut by building contractor at US75-Mockingbird, knocking this leg offline. Waiting on repairs. • 10.2.225.5 – Terminal server offline due to LBJ Express construction. It's been offline since March 2013. It will hopefully be coming back someday. • 12/9/14 - DAL reported that for operations, they want Realport blocked/disabled, but that DAL would like access to cameras via Realport for diagnostics since the Cohu software does not allow for IP connectivity. • DAL asked SwRI (Bill) what Digi settings needed to be changed (if only temporarily) to allow for a terminal server to be accessible via Realport. • SwRI responded that rather than changing the settings on the Digi, it was recommended that DAL use a hardware virtual serial port (software available on the Cohu web page) on the computer with the Cohu software. • SwRI instructed DAL to enter the IP and port of the Digi that connects to the camera(s) and use the COM port created in the Cohu software. • DAL reported that SwRI's instructions worked, allowing DAL to use Realport for camera diagnostics purposes. • 11/19/14 - Per telecon discussions with TRF/DAL/SwRI, moved DMS Digi/Envoy to new action item (3842). • Per power cuts, construction affecting remaining Digs that still exist, DAL to provide update when they're back online as there is no definite date at this time. • Per group's input, this item will be placed on hold until further notice. • 11/12/14 - SwRI emailed DAL, asking for status update on the Digs SwRI reported on 11/3 that could not be reached. • DAL provided an update for the listed Digs, most of which were reported to no longer exist, affected by power cuts, or to be offline due to construction. • 11/06/14 - Per the telecon with DAL and TRF, DAL to respond to the Digi email chain, detailing updates to newly working equipment. • 11/03/14 - SwRI completed configuration (locking out Realport, configuring parity settings, etc.) and verified up-to-date firmware revisions and captured config files for Digi equipment that could be reached. • DAL was provided listing of the Digs that still could not be reached. • 10/24/14 - SwRI continued troubleshooting configuration, updating firmware, locking out Realport, updating parity settings, and backing up configuration files for additional Digs. • 10/10/14 - Per storms in the DalTrans area during the week of 9/29, Skyline Envoy software was used to try and communicate with signs and after Envoy was run, Digi configurations were again showing the parity errors and had to be reconfigured. 			

DAL Action Items

Status: Deferred

Priority: Major

AI: 4664	Status: Deferred	Priority: Major	Created: 2017-03-29
Type: Other	Action With: TRF	Districts: DAL	Updated: 2017-03-29
Summary: Address DNS issue for US175-Jim Miller detector			
Related Issues: None			
Description: A long-term fix for the underlying DNS issue should still be addressed at the DNS server.			
<ul style="list-style-type: none"> 10/20/16 This is an issue with DNS servers that NTTData is reviewing. Deferring 07/11/16 - Joe reported a connectivity issue with a detector (US175@Jim Miller) through Lonestar. The detector showed to be operational through vendor master software. SwRI investigated and found to be the same issue as this AI. SwRI implemented the fix as done back on 3/31 and the detector issue was resolved. 03/31/16 - DAL reported issue with getting US175-Jim Miller detector data in LS, though detector was working and successfully pushing data via vendor master software. SwRI investigated and determined a related DNS issue. A strange DNS issue was discovered. The device was configured with IP address 10.98.1.21. However, an NSLOOKUP on that IP returned a hostname of a Houston laptop (hou-742518-l.dot.state.tx.us). An NSLOOKUP on that hostname then returned a completely different IP address: 10.178.4.211. That confusion was also messing up the driver's connection logic. The driver allows hostnames to be specified instead of IP addresses, so the driver was attempting to pull up (and use) the relevant DNS information. As a short-term fix to get the device polling in LS, SwRI modified HOSTS file on DAL-ITS-APP10 to force the detector's IP to resolve to the correct IP to address the issue. 			

AI: 3843	Status: Deferred	Priority: Major	Created: 2017-03-29
Type: Other	Action With: District	Districts: DAL	Updated: 2017-03-29
Summary: Supporting Autoscope detectors via Lonestar			
Related Issues: None			
Description: 10/10/14 - TRF submitted firewall rules to IT needed to support DAL's Autoscope sensors from Lonestar.			
<ul style="list-style-type: none"> 11/20/14 - SwRI emailed DAL, asking DAL if the Autoscope sensors/links should be removed from the DAL1 LS system, or if the sensors should just be placed to Out-of-Service. 11/19/14 - Per status telecon with TRF/DAL/SwRI, Adam reported that he spoke with an Autoscope rep last week (Econolite). Econolite believes we could upgrade DAL to the same version as used in SAT (same project, so same version), but the SDK is typically licensed on a per project basis. Was the SAT project a SAT project or a Statewide project? Regarding the upgrade of the comm server, if licensing sorted out, the local distributor Paradigm Traffic offered to come out and perform the upgrade. For free? This was the implication, but was not specifically stated. Per Adam, the group probably needs to sort this out over a separate telecon with this group and Econolite. Currently, there are < 10 Autoscope sensors in DAL now. Per Rick, the current DAL Autoscope devices may be soon replaced via another project. So DAL does not believe that project cycles should be spent now to support the current Autoscope sensors for the DAL1 Lonestar system. Per Ron/Rick, AI to be placed On Hold in case other Autoscope video detection is used later on other DAL projects for which support would then need to be added to Lonestar at that time. 11/12/14 - SwRI determined that the Autoscope versions supported via the Lonestar TSS Autoscope Driver DLL and the DAL comm server host (dates back to 9/30/2003) were incompatible and that the API itself changed between the 2 supported versions. SwRI tried contacting an "SDK" guy at Econolite. 11/06/14 - Per the telecon with TRF and DAL, SwRI worked with IT on 11/3 to turn on firewall rules for Autoscope sensors and confirmed that rules were working on 11/4. 10/16/14 - TRF requested that SwRI test the Autoscope-related firewall rules reported to have been completed by NTT. SwRI tested the rules and provided testing results, noting that the rules were still not working. 			

AI: 3795	Status: Deferred	Priority: Major	Created: 2017-03-29
Type: Other	Action With: SwRI	Districts: DAL, FTW	Updated: 2017-03-29
Summary: C2C Testing with FTW data in Lonestar			
Related Issues: None			
Description: 10/7/14 - TRF submitted firewall rules (RITM0160125) needed to support FTW snapshot data from the DAL Lonstar system and supporting command receiver communication for 2-staged switching.			
<ul style="list-style-type: none"> 08/06/15 - Alex to send DAL an email to get things started to support the effort of allowing DAL to switch FTW video and vice versa. 03/26/15 - Issue has been put on hold until the IP conversion is complete. 02/10/15 - For efforts to support 2-staged switching, SwRI emailed FTW, asking if FTW configured equipment on both sides for the DAL ATM setup during their IP conversion. SwRI also asked for the addressing and order information if this was done. 			

DAL Action Items

- 01/03/14 - SwRI participated in a firewall testing telecon with TRF and NTT Data and confirmed that the C2C-related firewall rules were successfully opened.
- Per new C2C rules, DAL operators should now be able to successfully retrieve snapshots from FTW cameras (which was discovered to not work during earlier DAL LS training).
- 10/16/14 - TRF requested that SwRI test the C2C-related firewall rules reported to have been completed by NTT.
- SwRI tested the rules and provided testing results, noting that the rules were still not working.