



Change Management Board Meeting

July 6, 2023



Welcome

Call for Quorum

Roll Call

Megan Arasteh, PE, FDOT D7
CMB Chairman



CMB Voting Member Updates

1. District 1 – Steven Davis (Alternates – Robbie Brown and Renjan Joseph)
2. District 2 – Alex Varela (Alternate – Dee Dee Crews)
3. District 3 – Greg Reynolds (Alternate – David Roark)
4. District 4 – Nicole Forest (Alternate – Alexandra Lopez)
5. District 5 – Tricia Ballard (Alternate – Jeremy Dilmore)
6. District 6 – Javier Rodriguez (Alternate – Yamilet Diaz)
7. District 7 – Megan Arasteh (Alternates – Edward Albritton and Bruce Wolny)
8. Florida's Turnpike Enterprise (FTE) – Eric Gordin (Alternates – John Easterling and Gregory Cacioppo)
9. State Traffic Engineering and Operations (TEO) Office – Christine Shafik (Alternate – Derek Vollmer)
10. Miami-Dade Expressway Authority (MDX) – Wang Lee (Alternate – Gary Lau)
11. Central Florida Expressway Authority (CFX) – Brent Poole (Alternate – Bryan Homayouni)



Agenda



Time	Item	Lead
1:00 – 1:10	Welcome / Call for Quorum / Roll Call / CMB Voting Member Updates	Megan Arasteh
1:10 – 1:15	Previous Meeting Action Items	Christine Shafik
1:15 – 1:20	SunGuide Software Update	Christine Shafik
1:20 – 1:30	Bidding Enhancements for CMB	Tucker Brown
1:30 – 1:40	<u>Enhancement #1</u> SG-6489 – Merging Issue with Auto-Merged Travel Times (VOTE)	Tucker Brown
1:40 – 1:50	<u>Enhancement #2</u> SG-6618 - Show details on who delete a device in sInfo mode and SG-6014 Enhanced Tracking of Changes in SunGuide (VOTE)	Tucker Brown
1:50 – 2:00	<u>Enhancement #3</u> SG-6109 - WWD Events Ignore Configured Radius for Event Type WWD (VOTE)	Tucker Brown
2:00 – 2:10	<u>Enhancement #4</u> SG-6679 - Block Camera From Being Used As Nearest CCTV In EM (VOTE)	Tucker Brown



Agenda



Time	Item	Lead
2:10 – 2:20	<u>Enhancement #5</u> SG-6432 - Option to select different Driver for existing CCTV (VOTE)	Tucker Brown
2:20 – 2:30	<u>Enhancement #6</u> SG-6449 - When a user prematurely ends Maintenance Mode for a WWD, Status Logger should include their identity (VOTE)	Tucker Brown
2:30 – 2:40	<u>Enhancement #7</u> SG-6452 Device Templates can exclude DMS from response plans based on blockage scenarios (VOTE)	Tucker Brown
2:40 – 2:50	<u>Enhancement #8</u> SG-5759 - Add Agency When creating a responder (VOTE)	Tucker Brown
2:50 – 3:00	<u>Enhancement #9</u> SG-6310 - Change Default Grouping in Executive Handler (VOTE)	Tucker Brown
3:00 – 3:10	<u>Enhancement #10</u> SG-6284 - Have SunGuide response plan suggestion react to tail of closure while using polyline feature (VOTE)	Tucker Brown



Agenda



Time	Item	Lead
3:10 – 3:20	<u>Enhancement #11</u> SG-6497 - Removing Activity not Reflected in Chronology in Event Details (VOTE)	Tucker Brown
3:20 – 3:25	<u>FYI:</u> SG-6674 Alphabetize Video Layout List	Tucker Brown
3:25 – 3:30	<u>FYI:</u> SG-6523 Add Vehicle Alert Device status to C2C	Tucker Brown
3:30 – 3:35	<u>FYI:</u> SG-6492 Allow simultaneous remote/local devices from IDS vehicle alert device drivers	Carla Holmes
3:35 – 3:45	<u>FYI:</u> SunGuide Alert Viewer	Carla Holmes
3:45 – 3:55	Open Discussion	Megan Arasteh
3:55 – 4:00	Review Action Items	Megan Arasteh



Previous Meeting Action Items

Christine Shafik, PE, PMP, CPM, FCCM, FCCN, CGB
FDOT State TSM&O Software Engineer



Previous Meeting Action Items

Owner	Action Item
All Districts	✓ Provide any updates for CMB Voting Members and Alternates. Send updates to Megan. (D3, D4, and D5 have replacements to name.)
Central Office	✓ Take SG-5423-Night Mode back to SSUG for best practices on what others are doing. Done. Revisited at the 4/6/2023 SSUG.
D7	✓ Share the list of new WWD event attributes they've created with other districts. Done. Info has been collected and disseminated.
Central Office	✓ Coordinate with Edith Wong to discuss WWD reporting needs at the 4/19/2023 WWD Quarterly Meeting. Done. Additional information has also been gathered from the districts.



SunGuide Software Update

Christine Shafik, PE, PMP, CPM, FCCM, FCCN, CGB
FDOT State TSM&O Software Engineer



Recent SunGuide Releases

- The entire state has upgraded to SunGuide R8.2 HF2 as of June 7, 2023!
- SunGuide R8.2 HF3 has completed testing at TERL and is currently being evaluated by D6 for OTM compatibility.
- First version of NG SELS will be compatible with SunGuide R8.2 HF3.



SunGuide Release 8.2 HF3

- Contains enhancements, including:
 - SG-6036 - EM selects predefined group of event attributes based on event type
 - SG-4649 - Keep DMS device icons on map when using TVT configuration
 - SG-5349 - FL-511 not publishing correct lane blockage if an event has both the turn lane and travel lane blocked.
 - SG-6513 - TPAS Generic Interface



SunGuide Release 8.2 HF3

- Contains bug fixes, including:
 - SG-6593 - SPARR continued issues
 - SG-6605 - WWD Alert Active after Event Closed
 - SG-6606 - Wiper and washer label control not properly showing up
 - SG-6649 - Cannot Change Lane Configuration in Event Details
 - SG-6709 - DAR - FTP Passive Mode
 - SG-6711 - Ceased Use Link
 - SG-6716 - Random Error while cloning event



SunGuide Release 9.0

- Design Review Pt. 1 held 6/15/2023
- Design Review Pt. 2 tentatively scheduled for 8/10/2023
- Contains several major enhancements
- Will likely be released in Q2 of 2024



QUESTIONS?

COMMENTS?



Bidding Enhancements for CMB

Tucker Brown



Bidding Enhancements



- To bid an enhancement:
 - SwRI reviews the initial request and the meeting transcript for any SSUG Meetings to determine the full scope of the request.
 - CMB Slides are created covering the full scope of the requested change.

Bidding Enhancements

- Project Leads create a mini-design document detailing the expected architecture and needed changes in the system.

§G-6489 – Merging Issue with Auto-Merged Travel Times

- Updating each dialog for editing a DMS message to have two check boxes instead of just one for auto-merging.
- Update the DMS messaging dialog to allow unmerging auto-merged messages
- Update MAS to allow unmerging auto-merged messages
- Changes to: Map, MAS, DMS, EM, SAS, GPIO, MLS, DB, and schemas

- JIRA issue, SSUG notes, and expected design are sent to developers to review and estimate.

Bidding Enhancements

- Each item has changes to the system, but also must include the following:
 - Task Documentation – lists requirements, test steps, detailed design plan. Required for each task
 - Automated Unit Tests creation
 - Testing – both developer and a secondary tester to verify
 - Mentoring – time for a lead developer to answer questions
 - Code Review and changes from code review



Bidding Enhancements



- The team then meets to review developer estimates and come to a consensus on an estimate.

WORK ELEMENT DESCRIPTION
SG-6489 – Merging Issue with Auto-Merged Travel Times
UI
Message Management Dialog
Add New DMS Message Dialog
Edit DMS Message Dialog
MLS message editor
GPIO message editor
SAS message editor
Response plan message editor
MAS
Update unmerging logic
Update message storage
EM
DMS
SAS
GPIO
MLS
Database
Schemas
Confluence Page
Unit Tests
Testing
Mentoring
Re-work
SUBTOTAL OF ELEMENTS: 1 110



QUESTIONS?

COMMENTS?



SunGuide Enhancement Voting



Enhancement #1: SG-6489 – Merging Issue with Auto- Merged Travel Times

Tucker Brown



Current Behavior



- Messages can be labeled as “Primary” messages, used as the 1st message in an auto-merge.
- Only travel time messages are currently labeled as “Secondary” messages and able to be merged.

Enhancement

- Allow operations to determine which DMS messages are primary and which are secondary.
 - Checkboxes similar to the current auto-merge settings.
- Merging would not exceed the phase limit for a DMS, so the 2nd phase a message could be truncated.
 - SSUG suggested that this would be handled in operations.
- Auto-merged messages could be unmerged by an operator.



LOE



- Changes to UI, MAS, EM, DMS, SAS, GPIO, MLS
- Estimate: \$27k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #1**: SG-6489 - Merging Issue with Auto-Merged Travel Times



Enhancement #2:

SG-6618 - Show details on who delete
a device in sInfo mode
and

SG-6014 Enhanced Tracking of
Changes in SunGuide

Tucker Brown



Enhancement



- Capture changes associated with modifications to SunGuide.
- Offers assistance with the following:
 - Identification of permissions attributed incorrectly to a user or user group.
 - Identification of inadvertent/accidental changes. Who performed them and when.
 - Useful details that can be included in troubleshooting.

Enhancement

- Types of fields to capture:
 - Type and Id
 - Type of change (add, change, ceased)
 - Old Configuration (from, if 'new' item will show as null)
 - New Configuration (to, if 'ceased' item will show as null)
 - Date and Time
 - UserID
- Most likely a common table for all changes to be recorded



LOE



- Changes to all device subsystems
- Estimate: \$62k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #2:** SG-6618 - Show details on who delete a device in slInfo mode and SG-6014 - Enhanced Tracking of Changes in SunGuide



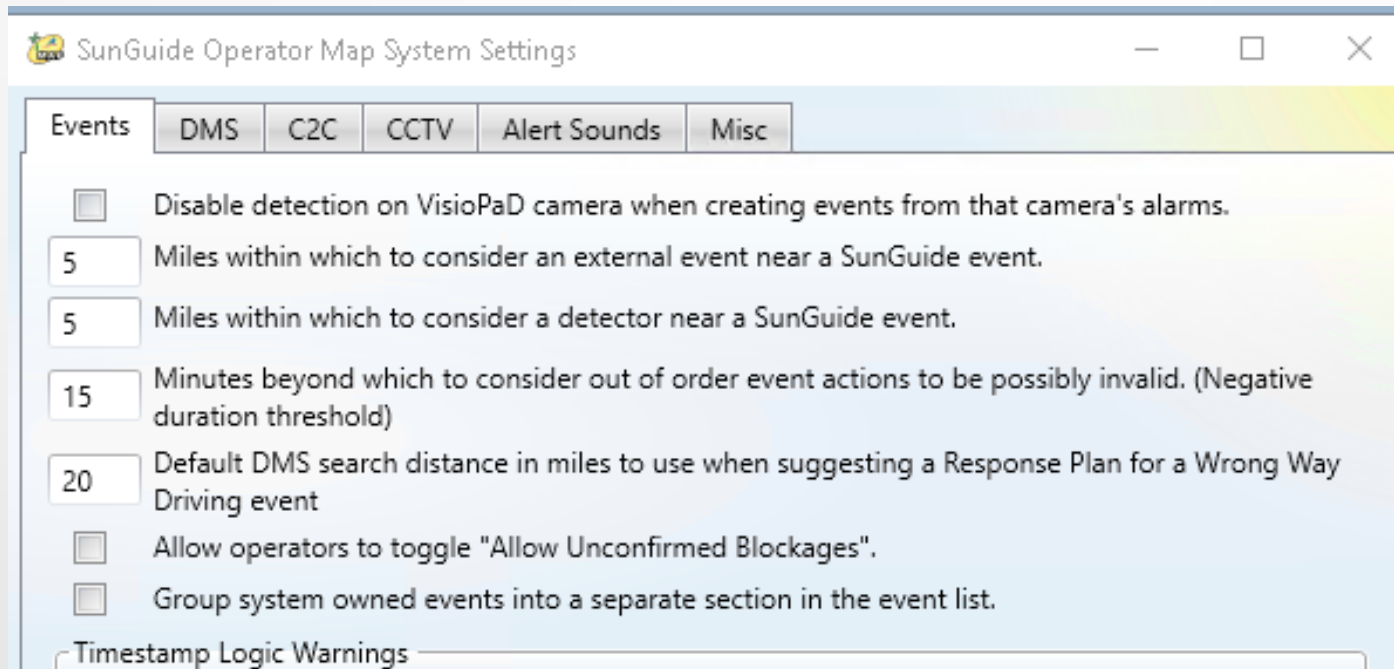
Enhancement #3:

SG-6109 - WWD Events Ignore Configured Radius for Event Type WWD

Tucker Brown

Current Behavior

- When an event is created via the Event Creation dialog, the default search radius for finding DMSs for automatic response plans is pulled from the System Settings.



Current Behavior

- When a response plan is created through the event, the system uses the configuration for response plans.

FDE ALERT	FDE ALERT	FDE ALERT	NO	150	NO	0
Wrong Way Driver	Wrong Way Driver	Wrong Way Driver	No	250	No	0
Bridge Up	Bridge Up	Other	No	260	No	0
Traffic Signal Flash	Traffic Signal Flash	Other	Yes	270	No	0
Traffic Signal Dark	Traffic Signal Dark	Other	Yes	280	No	0
Wildfire	Wildfire	Other	No	290	No	0
Bridge Closed	Bridge Closed	Other	No	300	Yes	0

Proximity

Response Plan Item Type	Minor Search Distance	Moderate Search Distance	Severe Search Distance
DMS	(Use Default)	(Use Default)	(Use Default)
HAR	(Use Default)	(Use Default)	(Use Default)
TAM	(Use Default)	(Use Default)	(Use Default)

Enhancement

- The system should sync these two values, and only use the one from the Event Types configuration dialog.
- District suggested to use the 'Minor Search Distance' DMS value from Event Types configuration dialog.
 - If no value is set, this would default back to the values set in the config file for standard distance search.
- The user may modify the default value, as needed, while working the event.



LOE



- Changes to UI, EM
- Estimate: \$8k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #3: SG-6109 - WWD Events Ignore Configured Radius for Event Type WWD**



Enhancement #4: SG-6679 - Block Camera From Being Used As Nearest CCTV In EM

Tucker Brown

Current Behavior

- WWD Cameras have been incorporated into the system and, due to their proximity, are being chosen as the nearest camera to events.



- These static cameras are focused on the ramps, so they aren't as useful when attempting to view events.

Enhancement

- Do not select specific cameras automatically as a “Nearest Camera”.
- Configuration flag will indicate if a camera should be chosen as the nearest camera by default.
 - Default would allow selection of the camera (existing behavior)
- All cameras would still be selectable in the nearest camera dialog.



LOE



- Changes to UI, EM, CCTV
- Estimate: \$9k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #4:** SG-6679 - Block Camera From Being Used As Nearest CCTV In EM



Enhancement #5: SG-6432 - Option to select different Driver for existing CCTV

Tucker Brown



Current Behavior and Enhancement



○ Current Behavior

- Devices are not able to switch drivers once the device is configured.

○ Enhancement

- Allow devices to change drivers so protocols can change.
 - Priority for this is CCTV, TSS, and CVS as that is where the most frequent driver changes occur.
- This would be implemented in Phases.



LOE



- Phase 1 Estimate: \$51k
 - Changes to UI, CCTV, TSS, CVS
- Phase 2 Estimate: \$150k
 - Changes to UI, AVL, BMS, DMS, GPIO, HAR, IDS, LCS, MLS, RMS, RWIS, SB, TPS, VS



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #5: SG-6432** - Option to select different Driver for existing CCTV



Enhancement #6:

SG-6449 - When a user prematurely ends Maintenance Mode for a WWD, Status Logger should include their identity

Tucker Brown



Current Behavior and Enhancement



○ Current Behavior

- While the WWD alerts coming in would be suppressed in Maintenance Mode, there is no specific log of the user who puts the device in Maintenance Mode or the user who takes it out.

■ Enhancement

- Create a new database table to track users who put the WWD devices in Maintenance Mode, as well as track how the device comes back into service.



LOE



- Changes to IDS, Database
- Estimate: \$8k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #6:** SG-6449 - When a user prematurely ends Maintenance Mode for a WWD, Status Logger should include their identity



Enhancement #7:

SG-6452 Device Templates can
exclude DMS from response plans
based on blockage scenarios

Tucker Brown



Current Behavior and Enhancement



○ Current Behavior

- Signs found as part of the device linking search are always suggested in the response plan.

○ Enhancement

- Allow the device to be excluded from the response plan based on blockage situation.
 - Roadway Blocked (On/Off Route Closed)
 - Travel Lanes Blocked (On/Off Route, On/Off Ramp)
 - Non-travel Lanes Blocked (On/Off Route Open)



LOE



- Changes to UI, EM
- Estimate: \$24k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #7**: SG-6452 - Device Templates can exclude DMS from response plans based on blockage scenarios





Enhancement #8: SG-5759 - Add Agency When creating a responder

Tucker Brown

Enhancement

- When configuring RR Operators, add an “Agency” for the Operator to the dialog.
- Limit logging in as vehicles that are not the same agency as the driver
 - **3rd party implications to configuration and restriction**
- Add the Agency field to AVL Operator reports

AVL/RR Operator Configuration

 New Operator Delete Operator

Username	First Name	Last Name	Password	Road Ranger	SIRV
aabrams	Andrew	Abrams	<input checked="" type="checkbox"/>	<input type="checkbox"/>
aalemany	Alexander	Alemany	<input checked="" type="checkbox"/>	<input type="checkbox"/>
aalvarez	Arnaldo	Alvarez	<input checked="" type="checkbox"/>	<input type="checkbox"/>
abonner	Ainsley	Bonner	<input checked="" type="checkbox"/>	<input type="checkbox"/>
abrown	Andrew	Brown	<input checked="" type="checkbox"/>	<input type="checkbox"/>
achamizo	Alain	Chamizo	<input checked="" type="checkbox"/>	<input type="checkbox"/>
acharles	Asnel	Charles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
afernandez	Alex	Fernandez	<input checked="" type="checkbox"/>	<input type="checkbox"/>
aforbes	Andre	Forbes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
afuentes	Andony	Fuentes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
aguzman	Abner	Guzman	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ahevans	Anglade	Hevens	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ajimenez	Angel	Tamayo-Jimenez	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ajoseph	Alfred	Joseph	<input checked="" type="checkbox"/>	<input type="checkbox"/>
aljoseph	Alin	Joseph	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ameus	Alceus	Meus	<input checked="" type="checkbox"/>	<input type="checkbox"/>
artiz	Adrian	Ortiz	<input checked="" type="checkbox"/>	<input type="checkbox"/>



LOE



- Changes to UI, AVL, SPARR Driver, RRXML Driver, SPARR app
- Estimate: \$30k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #8: SG-5759 - Add Agency When creating a responder**



Enhancement #9: SG-6310 - Change Default Grouping in Executive Handler

Tucker Brown



Enhancement



- Save user settings and apply on startup. Would maintain the last state of filters/settings.
 - Default grouping in Executive Handler
 - Sorting and Filtering in the grid
- Especially in clustered systems, this gives an easier view of all subsystems, regardless of node.



LOE



- Changes to Executive Handler Viewer
- Estimate: \$4k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #9: SG-6310 - Change Default Grouping in Executive Handler**



Enhancement #10:

SG-6284 - Have SunGuide response plan suggestion react to tail of closure while using polyline feature

Tucker Brown

Current Behavior

- In a polyline event, the event location is used to create a response plan.
- Tags exist to change the response plan location for congestion events.

Template Tags

Event Data	Event Location	Cong. Head Location	Cong. Tail Location	Cong. Tail (or Location if unset)	Email Only
Event Type	Route Name	Route Name	Route Name	Route Name	Event Attribute
Lane Status	Route Direction	Route Direction	Route Direction	Route Direction	Veh. Description
Veh. Make	Cross Street	Cross Street	Cross Street	Cross Street	WorkZone Status
Veh. Model	Proximity	Proximity	Proximity	Proximity	Location Description
Veh. Color	Lanes Affected	Lanes Affected	Lanes Affected	Lanes Affected	
Veh. State	Exit Number	Exit Number	Exit Number	Exit Number	
Veh. Year	Distance	Distance	Distance	Distance	
License Tag					

Enhancement

- Create new tags for a “Closure Head” and “Closure Tail” of an event.
- Create new tags for “Closure Head (or location if unset)”.
- Distance Tag would include the distance calculation based on the polyline head.
- Tags configuration would get even larger, might switch to a tab-based selection.



LOE



- Changes to UI, EM
- Estimate: \$22k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #10**: SG-6284 - Have SunGuide response plan suggestion react to tail of closure while using polyline feature



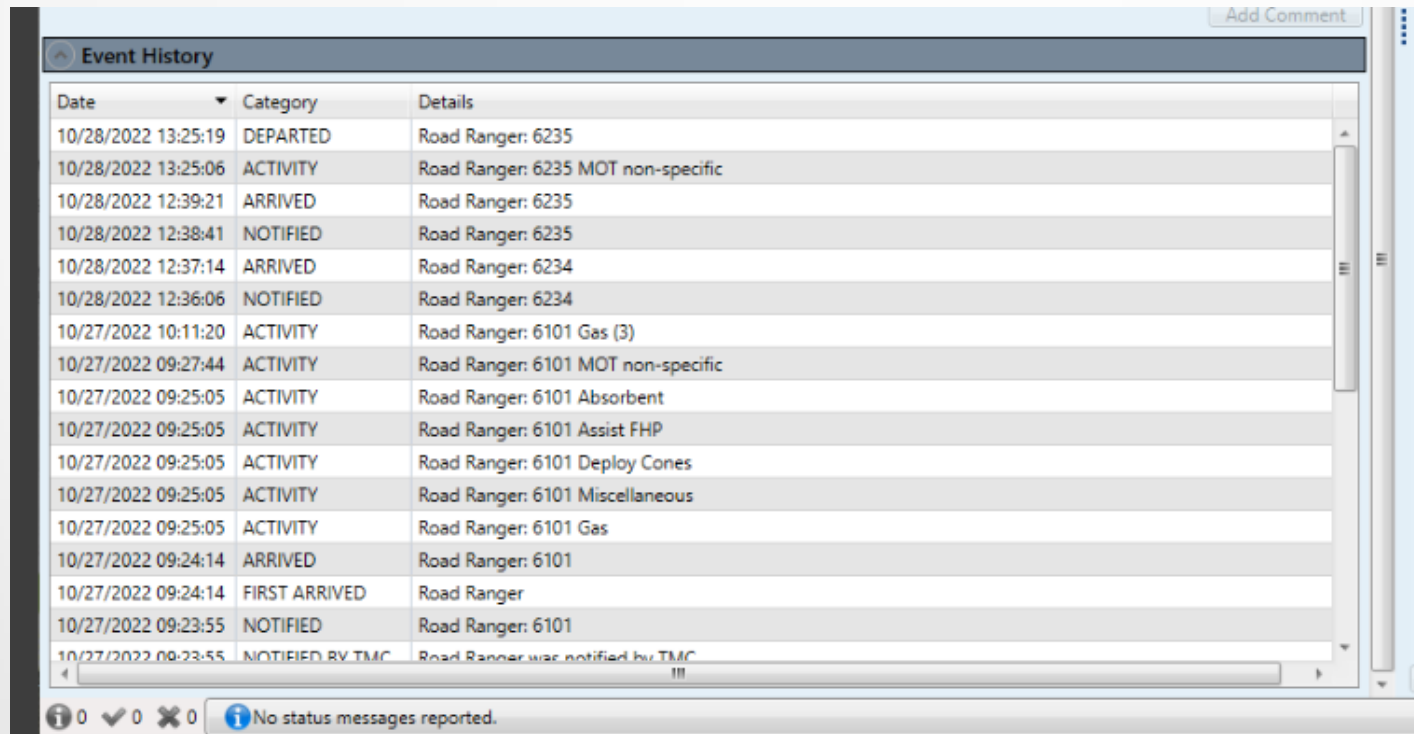
Enhancement #11:

SG-6497 - Removing Activity not Reflected in Chronology in Event Details

Tucker Brown

Current Behavior

- When removing an activity for a Road Ranger, the inclusion of the original activity is not removed from the chronology.



Date	Category	Details
10/28/2022 13:25:19	DEPARTED	Road Ranger: 6235
10/28/2022 13:25:06	ACTIVITY	Road Ranger: 6235 MOT non-specific
10/28/2022 12:39:21	ARRIVED	Road Ranger: 6235
10/28/2022 12:38:41	NOTIFIED	Road Ranger: 6235
10/28/2022 12:37:14	ARRIVED	Road Ranger: 6234
10/28/2022 12:36:06	NOTIFIED	Road Ranger: 6234
10/27/2022 10:11:20	ACTIVITY	Road Ranger: 6101 Gas (3)
10/27/2022 09:27:44	ACTIVITY	Road Ranger: 6101 MOT non-specific
10/27/2022 09:25:05	ACTIVITY	Road Ranger: 6101 Absorbent
10/27/2022 09:25:05	ACTIVITY	Road Ranger: 6101 Assist FHP
10/27/2022 09:25:05	ACTIVITY	Road Ranger: 6101 Deploy Cones
10/27/2022 09:25:05	ACTIVITY	Road Ranger: 6101 Miscellaneous
10/27/2022 09:25:05	ACTIVITY	Road Ranger: 6101 Gas
10/27/2022 09:24:14	ARRIVED	Road Ranger: 6101
10/27/2022 09:24:14	FIRST ARRIVED	Road Ranger
10/27/2022 09:23:55	NOTIFIED	Road Ranger: 6101
10/27/2022 09:23:55	NOTIFIED BY TMC	Road Ranger was notified by TMC



Enhancement



- For a live event, remove the original chronology entry entirely.
- If auditing, remove the entry and display the audit entry in the chronology.



LOE



- Changes to EM
- Estimate: \$8k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: **Enhancement #11**: SG-6497 Removing Activity not Reflected in Chronology in Event Details



Non-Voting Items



FYI:

SG-6674 Alphabetize Video Layout List

Tucker Brown

Current Behavior and Enhancement

- There is a new enhancement to share VOD layouts, but the list is not alphabetized.
- Request is to alphabetize the list.





QUESTIONS?

COMMENTS?



FYI:

SG-6523 Add Vehicle Alert Device status to C2C

Tucker Brown



Enhancement



- Add a new data type to the C2C stream for Vehicle Alert devices.
- Feed should contain configuration information, including location.
- Feed should contain current Op Status for the devices, including any Maintenance Mode settings.



QUESTIONS?

COMMENTS?



FYI:

**SG-6492 Allow simultaneous
remote/local devices from IDS
vehicle alert device drivers**

Tucker Brown



Proposed Implementation



- Proposed Implementation:
 - Device configuration would have a checkbox to select whether to use the internal or external IP.
 - Default will be to use the internal
 - If you select internal, the software will send the driver IP.
 - If you select external, the software will send the IP from the config file.



QUESTIONS?

COMMENTS?



FYI:

SunGuide Alert Viewer (SG-6050 FTE External Integrated Website - WWDS Alerts)

Carla Holmes, P.E., PTOE

Overview

- Development has been completed for the SunGuide Software Alert Viewer.
- WWD alerts will be provided to FHP at same time as FDOT's WWD alert for immediate FHP response.
- Application will support multiple WWD detection vendors.
- SAV Interface was included in SunGuide Release 8.2 HF2.





SAV Home Page



Detection



Associated Cameras



WWD Detected

Alert Type	WWD
Alert Time	06/01/2023 16:24
SunGuide Event ID	n/a
Alert Status	New
Location	AlertId-5 is a new sav wd alert alert submitted without images

Alert Time ↓	Type	Status	Location
06/01/2023 16:24	WWD	New	AlertId-5 is a new sav wd alert alert submitted without images
03/29/2023 09:15	WWD	Updated	D6 SG Event 1171172 OFF

Items per page: 10 1 - 2 of 2



SAV Alert Preferences



Alert Preferences

Troop

- A
- B
- C
- D
- E
- F
- G
- H
- K
- K North
- K South
- L

Select All

Clear All

Save Preferences

Counties

- | | | |
|------------------------------------|---------------------------------------|---------------------------------------|
| <input type="checkbox"/> Alachua | <input type="checkbox"/> Baker | <input type="checkbox"/> Bay |
| <input type="checkbox"/> Brevard | <input type="checkbox"/> Broward | <input type="checkbox"/> Bradford |
| <input type="checkbox"/> Citrus | <input type="checkbox"/> Clay | <input type="checkbox"/> Charlotte |
| <input type="checkbox"/> DeSoto | <input type="checkbox"/> Dixie | <input type="checkbox"/> Columbia |
| <input type="checkbox"/> Flagler | <input type="checkbox"/> Franklin | <input type="checkbox"/> Escambia |
| <input type="checkbox"/> Glades | <input type="checkbox"/> Gulf | <input type="checkbox"/> Gilchrist |
| <input type="checkbox"/> Hendry | <input type="checkbox"/> Hernando | <input type="checkbox"/> Hardee |
| <input type="checkbox"/> Holmes | <input type="checkbox"/> Indian River | <input type="checkbox"/> Hillsborough |
| <input type="checkbox"/> Lafayette | <input type="checkbox"/> Lake | <input type="checkbox"/> Jefferson |
| <input type="checkbox"/> Levy | <input type="checkbox"/> Liberty | <input type="checkbox"/> Leon |
| <input type="checkbox"/> Marion | <input type="checkbox"/> Martin | <input type="checkbox"/> Manatee |
| <input type="checkbox"/> Nassau | <input type="checkbox"/> Okaloosa | <input type="checkbox"/> Monroe |
| <input type="checkbox"/> Osceola | <input type="checkbox"/> Palm Beach | <input type="checkbox"/> Orange |
| <input type="checkbox"/> Polk | <input type="checkbox"/> Putnam | <input type="checkbox"/> Pinellas |
| <input type="checkbox"/> Seminole | <input type="checkbox"/> St. Johns | <input type="checkbox"/> Santa Rosa |
| <input type="checkbox"/> Suwannee | <input type="checkbox"/> Taylor | <input type="checkbox"/> St. Lucie |
| <input type="checkbox"/> Wakulla | <input type="checkbox"/> Walton | <input type="checkbox"/> Union |
| | | <input type="checkbox"/> Washington |

Roadways

- I-4
- I-4 Express Lanes
- I-10
- I-75
- I-95
- I-175
- I-275
- I-295
- I-375
- SR-91/Turnpike
- SR-105
- SR-202
- SR-404
- SR-408
- SR-414
- SR-417
- SR-429
- SR-451
- SR-528/Beachline Expressway
- SR-821
- SR-822
- SR-826
- SR-869/Sawgrass Expressway

Audio

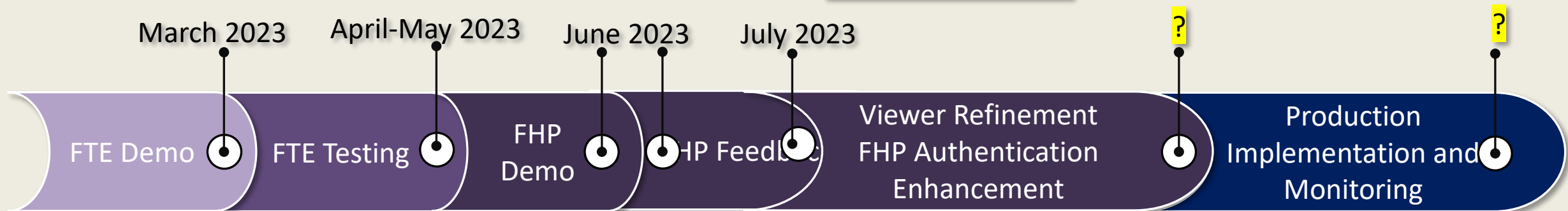
- Audio On

SAV Project Timeline

Next Steps

- Undergoing FTE and FHP testing and observation.
- Will make necessary refinements based on feedback.
- When moved to production, will notify districts to begin coordinating with FHP, as needed.

Timeline





QUESTIONS?

COMMENTS?



Open Discussion

Megan Arasteh, PE, FDOT D7

CMB Chairman



Review of Action Items

Megan Arasteh, PE, FDOT D7

CMB Chairman



Have a Nice Day!

