



SunGuide Software

User's Group

Meeting Minutes



Date: April 20, 2017

Time: 2:30pm-3:30pm EDT

Agenda:

Topic	Led By:
Item 1: Continue Release 7.1 GUI Design Review	Roger Strain, SwRI

Attendees:

Justin Merritt, D1
Vincent Lee, D1
Isaac Santos, D1
Ryan Crist, D2
John McFadden, COT
Allison Glunt, D4
Dee McTague, D4
Jacques Dupuy, D4
Mark Laird, D6
Jose Grullon, D6
Romona Burke, D7
Charlie Keasler, D7
Matt Mileto, D7
Alex Brum, FTE
Roger Strain, SwRI
AJ Skillern, SwRI
Tucker Brown, SwRI
Derek Vollmer, CO
Frances Ijeoma, CO
Mark Dunthorn, CO

Discussion:

ITEM 1 Continue 7.1 GUI Design Review

Roger Strain continued discussing the ramp metering GUIs. From the previous meeting, Mark Laird shared the slides with Jose, and Jose did not have any questions. With AJ on the phone, we asked some additional questions.

What information may or may not show up in the GUI based on which driver is being used? Roger pulled up a GUI that had fuzzy lane information on it for this discussion. The GUI also had firmware parameters listed as well. Will all these show up for the NTCIP controllers? AJ – NTCIP supports manual rates and that is how the fuzzy metering information is sent to the controller. Yes, the Fuzzy parameters will still be on the GUI. Derek asked if the fuzzy algorithm was on the 170 controller. AJ said this is not on the controller. The fuzzy logic is within the ramp metering subsystem in SunGuide. All the controller does is accept this as a manual metering rate.

Are there adaptive algorithms on the controller itself? Yes, but the fuzzy logic stuff is not, and we don't expose the adaptive algorithms from the controller within SunGuide. Local mode is the only algorithm on the controller itself that we support/expose in SunGuide.

With the NTCIP controllers we have the ability to set them into an adaptive state, would we have the ability to do this from SunGuide? Yes, we can do something to allow that functionality.

No more questions about ramp metering. Roger then walked through the Inventory GUIs.

Question – Is anyone actually using the Inventory System? For the most part, no, but we did not have a definitive yes or no for Lee County. After the meeting we determined Lee County does not use the Inventory system.

That ended the 7.0 GUI design reviews.

ITEM 2 Anyone can discuss Footprints

Mark Laird in District 6 – Just ran into something this week where they were getting an error reported by a GovComm camera. The error was the result of compass application that was installed on the camera that had to be removed. Mark said Derek mentioned that application was on the camera to meet a spec requirement. Did Derek find out anything else about it? No. Since the meeting, Derek had a conversation with GovComm and the compass and NTCIP applications on the camera were combined into one to resolve the issue. The compass capabilities are still there and the camera meets the specifications.

Alex with FTE had also recently researched the Azimuth and Compass requirements in the specifications to determine if an application was removed, would the camera still meet the specifications.

Mark Laird – One footprint a long time ago was a request for a SunGuide installer. The installation capabilities of the SunGuide software has advanced leaps and bounds since then, so Mark was wondering with SSUG approval if we could just close that. No objections, so the installer footprint will be closed.

Mark Laird – Trying to work with graphics. When we initially deployed them for travel times, you would have roadway graphics being used, but when we turned on graphics, it also turned them on for response plans. Event type graphics were showing up. What they did was change event type graphics into a 1x1 pixel, and when it was posted, it looked like there was no graphic. They did find that off route messages would then have the shield for the roadway, which is what you want, but you might also want the direction included in the graphic, which we don't have. Also, when they put a graphic up, they don't want to have to put the roadway and direction into the text of the message. They might want to have a mechanism to support some optional text. Note that IVR doesn't support graphics. This was discussed for people to start thinking about it. Mark will look into getting documentation on these things they've witnessed and are thinking about.

Mark has another list of footprints submitted over the years and would like to review with the SSUG to see which to keep and which can go away.

Meeting adjourned around 2:30pm.

New Action Items:

Action:

Responsible Person:

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