ATC API WORKING GROUP TELECONFERENCE
TUESDAY-THURSDAY, 02/23/10-02/25/10, 02:00-3:30 PM ET

ATTENDEES
- Ralph Boaz, Pillar Consulting *
- Ed Fok, FHWA (Tuesday, Wednesday only)
- Jarrid Gross, E-ViEWS Safety Systems *
- Steve Alonge, Noblis (Tuesday, Wednesday only)
- Robert Helliar, Econolite *
- Herasmo Iniguez, Caltrans *
- Douglas Tarico, Siemens *
- John Wyatt, Intelligent Devices (Tuesday, Wednesday only)
- Neal Smith, NYSDOT *
- Peter Skweres, Mn/DOT *
- Peter Ragsdale, Consultant * (Tuesday, Wednesday only)
- George Chen, LADOT * (Tuesday, Wednesday only)
- Joe Palsa, Clary Corp. (Tuesday only)
- Doug Crawford, Intelight (Wednesday, Thursday only)
- Gabriel Cauzillo, McCain (Wednesday, Thursday only)

VOTING MEMBERS AND RECENT ATTENDEES NOT PRESENT
- John Thai, City of Anaheim *
- Andy Zhang, Wapiti Microsystems *
- Ron Johnson, Harris County, TX *
- Ken Montgomery, GADOT *
- Bob Rausch, TransCore *
- Kyle Irvin, Telvent *
- Bill Brownlow, AASHTO
- Jean Johnson, NEMA
- Mark Clark, Naztec
- Mike Green, Naztec
- Bruce Winner, Telegra
- Henry Wickes, TxDOT
- Steve Kapp, nFocal
- Tom Gauger, nFocal
- Siva Narla, ITE

[* indicates a voting member of the Working Group.]
[Action items are assigned using capitalized last names in brackets.]

GENERAL
- Call to Order by Douglas Tarico.
- Introductions led by Ralph Boaz.
- Meeting Conduct Guidance given by Ralph Boaz.
- Additions/Modifications to the Agenda
  - No changes.

API STANDARD VERSION 2 REQUIREMENTS REVIEW
- Ralph Boaz led discussion on the review of API Standard 2.09 distributed a week prior to this teleconference in both MS Word and Adobe Acrobat formats.
- Tracked changes were in the MS Word stepped through the changes in the API Standard since version 2.08 distributed for the Atlanta, GA meeting in December 2009.
- Special attention was given to:
  - Section 2.2 the latter part with user needs for the configuration window.
- The guidance statement just above Section 3.1.1.1.
- The added requirement at the end of Section 3.1.1.1.
- Section 3.2 and subsections.

- Minor corrections made to Section 2.2
- WG voted to formally accept the user needs with the corrections 8/0 with one abstention as follows: Boaz (Y), Gross (Y), Helliar (Y), Iniguez (Y), Tarico (Y), Smith (Y), Skweres (Y), Ragsdale (Y), and Chen (A – had to drop off the teleconference).
- Discussed that a proposed reorganization of the standard in which the ATC Configuration Window would be listed under the Front Panel Manager was not necessary and not as clear. Consequently, the ATC Configuration Window requirements will remain in section 3.2.
- General editing requirements (see Section 3.2.1 (h)) for modifiable fields of the configuration utilities were discussed at length. The basis for the approach came from Robert Helliar and modified by Ralph Boaz.
- The WG modified the modification method to use the + and – keys to scroll through the field values.
- Peter S. and Neal Smith requested that the numerical fields should be able to be modified using the numeric keys of the Front Panel keyboard. WG agreed.
- Peter Skweres requested that the controller unit's bell be used to add feedback to the user that an incorrect value was entered.
- Ralph Boaz, Neal Smith and Douglas Tarico made drafts of item (h) during the course of the meeting that were reviewed and finally adopted by the WG. When entering digits into numerical fields they shall be right justified, entering from the right and scrolling out the left if the field size is exceeded.
- Changed scrolling of the utilities such that left and right arrows moved through the fields on the screen. Up and down arrows still just scroll a line at a time.
- Discussed System Time Configuration Utility Requirements. Discussed that the year field could be expanded to four digits if the enadis field was moved left two spaces. Discussed the use of GMT/UTC as a header. It was suggested to use something related more generically to "time zone," Ralph to look at again. Discuss the use of the enable/disable field and the active/inactive fields (enadis and status respectively). WG agreed to what was written.
- Discussed Ethernet Configuration Utility Requirements. Changed the Ethernet address fields so that they would be three digits instead of one.
- Discussed System Services Configuration Utility Requirements. Andy Zhang had provided list of services typically in a Linux distribution. The group wanted to consider populating the utility with these items. The list was too long and the approach described in the API Standard was accepted.
- Discussed Linux/API Information Utility Requirements. Need to better describe the case where a text field wraps at the end of a line. WG decided to state a requirement that the API version functions return the Manufacturer, Manufacturer Version #, and the version of the standard that is supported.
- Discussed the screen attributes of the Front Panel Manager Window and the ATC Configuration Window. Discussed that allowing the user to change this was not necessary and the default values from the "reset" paragraph in section 7.1.4.1 of Controller standard would be sufficient.

API STANDARD VERSION 2 PROJECT STATUS
- Work to be completed before a User Comment Draft of the API Standard is ready:
  - Section 3.2.2 requirements section on S/W interface requirements for the ATC Configuration Window needs to be completed now that Section 3.2.1 is solidified.
  - Section 4 function details needs to be completed as part of the design stage.
  - Appendix Traceability. To be done with the design stage.
- A WG approved UCD of the API Standard is to be distributed to the ATC Joint Committee no later than 04/01/10.

NEXT MEETINGS/TELECONFERENCES
- Teleconference Tuesday 2/23 2:00-3:30 PM ET
- Teleconference Wednesday 2/24 2:00-3:30 PM ET