I101-Using ITS Standards: An Overview Webinar Chat Transcript

Date: May 16, 2011 @ 2:00-3:00 p.m. ET

Gary Thomas: One of the first things I would like to know is "What do you hope to get out of this webinar?" Chat in some short answers here while we get ready to start the webinar.

Learning Assessment 1: What do you see as possible benefits of using standards?

Answers:
Ease of maintenance
Cheaper deployments, interoperability of deployments.
Supports competitive bidding
Makes testing easier

Learning Assessment 2: What do you think are potential COSTS of implementing a standards-based system?

Answers:
Problems with interface with legacy systems
Time

Learning Assessment 3: What do you think some of the most common technical challenges are?
Answers:
Not enough skilled technical resources

Learning Assessment 3: What do you think some of the most common technical challenges are?

Answers:
Institutional: reluctance to change the way things have always been done.

Learning Assessment 4: What lessons have you learned from your own projects?

Answers:
Before installing PTZ cameras at intersections, be sure to beware of private property and their concerns in regards to privacy.
One of the lessons Learned: ICT (information communication technologies) Eng. and ITS Eng culture clash - Two different worlds.

Q: In slide 41 you show NTCIP 1206 doing traffic flow and traffic sensor control. I believe you mean NTCIP 1209.
A: It could probably be either. I think I did it correctly, but I could see 1209 being applicable too.

NTCIP 1206 - Object Definitions for Data Collection and Monitoring (DCM) Devices: Specifies object definitions that may be supported by data collection and monitoring devices, such as roadway loop detectors

NTCIP 1209 - Data Element Definitions for Transportation Sensor Systems (TSS): Object definitions that are specific to and guide the data exchange content between advanced sensors and other devices in an NTCIP network. Advanced sensors include video-based detection sensors, inductive loop detectors, sonic detectors, infrared detectors, and microwave/radar detectors.