Cross-WG "Webinar Wednesday" Series

June 2018: Transportation Working Group

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Wednesday, 13 June 2018
11:00am – 12:00pm ET

Applying Scrum Methods in Intelligent Transportation Systems (ITS) Projects

The introduction of new technology generally brings new challenges and new methods to help with deployments. Agile methodologies have been introduced in the information technology industry to potentially speed up development. The Federal Highway Administration (FHWA), with the help of Noblis and ConSysTech, developed a document to help those interested in learning about Scrum Methods, one of the Agile Methodologies, and how to incorporate Scrum into ITS project development. The FHWA wants stakeholders that choose to develop ITS projects using Scrum methods, to have appropriate information and assistance for successful implementation. This presentation will provide descriptions of Agile development and how it might be used on ITS projects. Decision makers should also be aware of Agile development and opportunities to combine Agile development with Systems Engineering process. In addition, this presentation will also provide useful information for contractors who are interested in using Agile development for federally funded ITS projects.

Presenters:

Jesse Glazer, Federal Highway Administration

Mr. Glazer is an ITS Engineer for the US Department of Transportation Federal Highway Administration (FHWA) for Southern California area. He has over 45 years of diverse experience as a Transportation Systems Engineer, working with traffic, transit, TDM, and ITS. He worked in public sector, private sector, and academia, with more than 20 years in in ITS deployment, including National ITS Architecture, traffic data acquisition systems, and commuter information systems. He was also a key contributor in developing and delivering educational programs for ITS, traffic, transit and TDM professionals, in support of USDOT initiatives. He played a major role in the development of transportation management programs for local governments, major employment centers, office developments, and a large university. During his 4 years in federal service, he has monitored over 30 federally-funded ITS projects, plus delivering ITS training and technical assistance. He holds a B.S. in Engineering Sciences from University of Florida, and a M.S. in Systems Engineering from UCLA.

Barbara Staples, Noblis

Barbara Staples is a Principal Engineer with Noblis, Inc. Ms. Staples is a Certified Systems Engineering Professional (CSEP) and Certified Project Management Professional (PMP) with over 20 years of experience on a wide range of ITS projects and the connected vehicle research program, and in multiple domains including surface and air transportation, defense, health care, and education. As the Noblis Principal Investigator (PI) for the U.S DOT's Vehicle-to-Infrastructure (V2I) Program, she provides program management, technical analysis and evaluation, strategic planning and coordination between the V2I and other connected vehicle programs. She serves as the Noblis site lead for the Wyoming CV Pilot project, where she provides technical support and analysis, and coordinates cross-CV Pilot activities. She was the PI for the FHWA project that developed the report, "Applying Scrum Methods to ITS Projects." She holds a B.S. in Industrial Engineering from Auburn University, and a M.S. in Engineering Management from Long Island University.

Blake Christie, Noblis

Blake is a Certified Systems Engineering Professional (CSEP) bringing systems integrator and product development experience to the ITS community, having developed over 40 products and 11 major information collection and processing systems within the computer and communications industries. The companies he developed products and systems for include Intel, Plantronics, and TRW. Blake has been involved with the ITS Standards efforts for over 22 years. His involvement includes helping companies and agencies understand ITS standards, developing local and regional architectures, helping agencies develop standards migration plans, and helping the development of ITS standards for transportation infrastructure and connected vehicles. As a Principal ITS Systems Engineer for Noblis, Blake is responsible to providing the Joint Program Office technical assessments of the NTCIP, TMDD, ATC, standards efforts for infrastructure communications and the connected vehicle communications standards. Support for deployment of ITS Standards is included in his responsibilities and includes early deployment of the transportation center-to-center, center-to-field FHWA sponsored deployments, connected vehicle certification testing activities, and integrating Agile methods into systems engineering processes.

Upcoming Cross-WG Webinar Wednesdays

Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
13	11	8	12	10	14	12	9	13	13	10

All webinars begin at 11am US Eastern Standard Time.
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