



Systems of Systems Working Group

Webinar Series on Systems of Systems

SoS WG Chair: Alan Harding, Alan.D.Harding@baesystems.com, +44 1252 383596

SoS WG Co-Chair: Judith Dahmann, jdahmann@mitre.org, +1 (703) 983-1363

Webinar Coordinator: Oliver Hoehne, hoehneom@pbworld.com, +1 (973) 353-7617

Friday, 27 May 2016
11:00am – 12:00pm ET

Connected Vehicles – Reference Architecture and Tools

The Connected Vehicle Reference Implementation Architecture (CVRIA) is a consistent framework to guide the planning and deployment of connected vehicle technologies. The architecture identifies options for interoperable deployment of technologies from enterprise, physical, functional, and communications perspectives. It facilitates the ability of jurisdictions to operate collaboratively and to harness the benefits of a regional approach to transportation challenges. The Systems Engineering Tool for Intelligent Transportation (SET-IT) allows implementers and decision makers to develop their own CVRIA-compatible architectures for deployment.

David Binkley, ITERIS

David Binkley is the chief engineer supporting the National Intelligent Transportation System (ITS) Architecture Development Team. His responsibilities include leadership of all technical activities, leading the maintenance of the architecture and the Connected Vehicle Reference Implementation Architecture (CVRIA), supporting numerous deployment activities, and conducting of local architecture workshops and classes. He has 25 years of experience in systems engineering with involvement in numerous system development efforts and has been involved in every aspect of the systems engineering life cycle from concept to final testing and maintenance activities.



Tom Lusco, ITERIS

Tom Lusco has more than 25 years of experience in systems engineering. He has applied experience designing and developing computer software, integrating hardware and software systems, developing test plans and procedures, testing software, integrated systems and communications networks, for ITS and various test environments. He leads the development of the Systems Engineering Tool for Intelligent Transportation (SET-IT), the toolset companion to the CVRIA. His areas of particular expertise include Intelligent Transportation Systems and Connected Vehicle Systems Engineering.



Schedule of Upcoming Webinars

27 May 2016 – *“Connected Vehicles – Reference Architecture and Tools”*, Tom Lusco and David Binkley, ITERIS

17 June 2016 – *“A Model Based Approach to System of Systems Risk Management”*, Andrew Kinder, Tactical Data Link Consultant (JCSys Ltd) and PhD candidate at Loughborough University

29 July 2016 – *“Steampunk System of Systems Engineering: A case study of successful System of Systems engineering in 19th century Britain”*, Rhianne Evans, University of Birmingham

Future topics of interest to the SoS WG may be proposed by contacting the webinar coordinator.

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