Transportation Working Group
2020 Monthly Membership Meeting & Webinar Series

Thursday, August 20th, 2020
2:30pm – 3:30pm ET

Case Study: Achieving System Integration through Interoperability in a large System of Systems (SoS)

This webinar provides a case study on system of systems engineering (SoSE) being performed in a multi-billion-dollar program – the **California High-Speed Rail System** – viewed from the systems integration perspective. This webinar discusses why the subject program of projects (PoP) can be viewed as a system of systems (SoS), identifies the SoSE challenges faced, describes the SoSE activities performed, and summarizes the achieved outcomes and conclusions as of today. Specific SoSE challenges discussed include SoS authority, leadership, architecting, collaboration, integration, and emergence.

This webinar reviews how decision-making in independently operated and managed constituent systems (projects) resulted in unanticipated SoS emergent behavior, which is one of the key challenges in the engineering of SoS. This webinar further discusses the performed SoSE activities, including an international best practice review, the tailoring of SoSE to the specific SoSE challenges, and provides examples where SoSE principles are being applied to perform successful SoS integration.

Presenter:
Oliver Hoehne, PMP, CSEP - Technical Fellow at WSP USA

Oliver Hoehne is a Technical Fellow, Systems Engineering, a Project Manager, and the U.S. Global Technical Excellence Sector and Practice Lead on Systems Engineering, Communications and Control Systems for WSP, a company with 40,000+ employees in 550 offices throughout the world.

Mr. Hoehne is a Project Management Professional (PMP) and Systems Engineering Professional (CSEP) with over 20 years of extensive international and domestic experience in Software and Systems Engineering across industries, and has worked in leading Systems Engineering, Integration & Testing (SEIT) roles on several multi-billion dollar programs.

Upcoming 2020 TWG Monthly Membership Meeting & Webinar Dates

Sep	Oct	Nov	Dec
17	15	19	17

Joining the Webinar

Please refer to the meeting notice on the next page for call-in information.

For your meeting: **TWG Monthly Membership Meeting**

…you have been assigned the following resource: **GlobalMeet 11.**

Requesting Organization: Technical Operations: **Transportation**
Start Time:　　02/20/2020　　2:30:00 PM　　(EST = GMT - 5)
End Time:　　　12/17/2020　　3:30:00 PM　　(EST = GMT - 5)

Login and Meeting Details:

PARTICIPANT - Join as GUEST

Meeting Details Web Address: https://incose.pgimeet.com/INCOSE_GMEleven

Access Number:　　　　1-605-475-5604

Guest Passcode:　　　　499 423 0059

USA dial-in numbers:

1-605-475-5604
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Link to GLOBAL LIST of dial-in numbers:

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How to guides:

User Guide for INCOSE

Getting Started Webpage

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