APTA SE + INCOSE TWG + INCOSE UK RIG
2021 Joint Monthly Membership Meeting & Webinar Series

Thursday, February 18, 2021
2:30pm – 3:30pm ET, 7:30pm – 8:30pm UK Time, 8:30pm – 9:30pm European Time

Network Rail's Systems Integration for Delivery (SI4D) Framework

Network Rail delivers hundreds of infrastructure projects every year to enhance and renew the national rail network. This forms a capital delivery portfolio measured in Billions of pounds per year, from platform extensions to large scale regionwide upgrades.

This presentation provides a discussion on a case study of the development and implementation of Network Rail's System Integration (SI) for Delivery framework , launched in June 2019. The focus here is on the drivers for a new framework, it's implementation embedded with existing management systems, and the language and terminology used to communicate the new framework. The framework is designed to be flexible in terms of effort relative to complexity and benefit and aims to optimise the performance of new infrastructure delivered by Network Rail and provide improved services for passengers and freight.

The framework consists of a suite of competence management, training, processes, products and tools that have been embedded within existing management systems to support a consistent and cohesive approach to delivery of capital projects.

The SI4D Framework was first presented to the INCOSE UK RIG in 2019. This presentation will also cover lessons learnt and insights gained since that time as SI4D was deployed in Network Rail.

Presenter:

Derek A Price, BSC(hons) Mphil FIET MINCOSE
Derek's career has largely been focused on the application of systems thinking to major infrastructure projects across transport, power and defence industries. He has worked on both sides of the fence as well as sitting on it – suppliers, consultancy, approvers/regulators, owners, operators, and has seen the state of practice develop over 2 decades now.

His current role for Network Rail is "Technical Head of Discipline (Systems Integration)" to Direct, Plan and Assure System Integration activities related to delivery of projects and programmes across Network Rail's Infrastructure Projects.

Derek is proud to be a founder member of the INCOSE UK Rail Interest Group and is Network Rail's representative on the INCOSE UK Advisory Board.

His hometown is Darlington, where the world's first public passenger steam railway "SYSTEM" started service in 1825. Derek certainly didn't set out to become a Railway Man but the complexities, scale of challenge, and opportunity to forge a path as a systems engineer in this critical sector became irresistible.

Upcoming 2021 Joint Monthly Membership Meeting & Webinar Dates

Feb	Mar	Apr	May	Jun	Jul	Aug
18	18	15	20	17	15	19

Joining the Webinar

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

INCOSE TechOps-Applications is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting
https://incose-org.zoom.us/j/91343796660?pwd=SE5mRFBsUGVldGMwL3FWZGRTZDJBdz09

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