



THE SAFETY-CRITICAL SYSTEMS CLUB

Transferable Safety – Fact or Fiction?

www.scsc.org.uk/events

This seminar, organised in collaboration with the Independent Safety Assurance Working Group, will address transferability issues relating to safety, in particular as they affect Independent Safety Assessors (ISAs).

ISAs' judgements need to be justified by arguments and evidence. Above all, they are safety judgements and must be based on safety considerations.

This seminar aims to provide attendees with information and insights that will help them make and justify their safety judgements.

5 December 2013, Hilton London Euston Hotel

The reuse of safety arguments from one domain or context to another has the potential to reduce the time, cost and risk to deployment of new systems. But do their claims stand up in the new environment?

This seminar will examine the challenges Independent Safety Assessors (ISAs) and procurers of systems face in deciding whether safety claims are fact or fiction. It provides real examples of the issues to be addressed for successful transferability, including:

- read-across of evidence (e.g. civil equipment used for military purposes)
- reuse of existing components or subsystems (e.g. COTS equipment or previously developed software)
- applicability of standards used in development
- integration of systems of systems.

The seminar includes a workshop session, allowing attendees to examine such issues for a real example application. This will give ISAs, and procurers of systems where safety is key, some important guidance on developing adequate and realistic plans to enable timely delivery of systems.

Cost and registration

To Club members the cost is £195, including lunch and refreshments (VAT is not charged). Non-members pay an extra £95 for Club membership (of which £15.83 is VAT). Joining instructions and the programme will be sent to registered delegates about two weeks before the event. Delegates must book their own accommodation (if required).

Safety-Critical Systems Club: I would like to attend the seminar on 5 December 2013

Name Organisation

Address

Telephone Email Vegetarian: Yes/No

I am not an SCSC member, so need to join and pay £290 I qualify for the SCSC member rate of £195

To pay by cheque, please enclose a cheque for £195 or £290, payable to: Newcastle University (CSR)

To pay by credit card, please complete the following: MasterCard Visa American Express

Name on card Card No.....

Amount to be charged Expiry date Security No

Cardholder's Address

Please return this registration slip with your payment to:

Joan Atkinson, Centre for Software Reliability, Claremont Tower, Newcastle University, Newcastle upon Tyne, NE1 7RU
Phone: 0191 221 2222 Fax: 0191 222 7995 Email: joan.atkinson@newcastle.ac.uk

Transferable Safety – Fact or Fiction?

5 December 2013

Hilton London Euston Hotel

Programme

09:30 **Registration and coffee**

10:00 Introduction

James Inge
ISA Working Group

10:05 John Allan
Military Aviation Authority

Mutual recognition between regulators

10:30 Andrew Eaton
Civil Aviation Authority

A regulator's expectations for safety case re-use

10:50 Jane Fenn
BAE Systems

Transferable safety – motivation, challenges and potential pitfalls

11:10 Katrina Attwood
University of York

The role of the safety-case lexicon in cross-domain translation: the OPENCROSS project

11:30 Questions & Answers

11:40 **Coffee**

12:00 Helen Auld
AWE

A safety case development framework: arguments, evidence and validation

12:20 Luke Emmet
Adelard

International standardisation of safety and assurance case representations at the Object Management Group

12:40 Dave Smith
Frazer-Nash Consultancy

Unjustified justifications

13:00 Questions & Answers

13:10 **Lunch**

14:10 SCSC and ISA WG updates

14:30 Workshop sessions
(including tea at 15:30)

Assessing claims of compliance: how much to trust a certificate
A scenario-based workshop using new ISA WG Guidance

16:00 Wrap-up

16:30 **Close**