



## Newsletter - December 2014

### Happy Holidays

We wish you and your families a wonderful holiday season.

We wish you peace, joy, and the very best of health.

We wish you the utmost success both personally and professionally in the upcoming new year.

### Observing The Migration

Over the years, we have witnessed the migration of certain approaches to safety from Europe to the U.S. These approaches include:

- Safety Integrity Levels (SILs),
- ALARP,
- Safety Cases,
- Independent Safety Assessors (ISAs), and
- CENELEC 50126, 50128, 50129 Standards.

Due to contract opportunities, HCRQ gained expertise in all of these areas.

### Chief Safety & Security Officer

This year we have seen an increase in requests for expertise of this kind.

The CSSeO role is typically required on Light Rail Transit (LRT) systems and requires one to oversee all aspects of safety and security including design system and software safety, construction safety, installation safety, test & commissioning safety, operations & maintenance safety, and physical & cyber security.

The requirement for the CSSeO is driven by end clients who desire a single point of contact pertaining to all safety and security matters. This person also participates in the end client's safety and security committees.

It is imperative that the CSSeO possess the necessary authority in order to be effective and respected. Significant problems tend to surface if the end client determines that this person has no authority.

### RAMS 2015

The 61st Annual Reliability and Maintainability Symposium is scheduled for January 26-29.

If you are planning to attend, please drop by our exhibit booth.

<http://rams.org/>

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