

## **Improved QSRA using the Risk Driver Method**

Santosh Bhat

*Director Australasian Project Planning and Co-Founder of Linear Project Software Pty Ltd  
Unit 4/416 Columbia Ct, Nexus Building, Baulkham Hills New South Wales, 2153, Australia*

Quantitative Schedule Risk Analysis (QSRA) is becoming more widely adopted across the globe as a standard method for identifying and managing risk on engineering related projects. Traditionally, QSRA has been practiced with Critical Path Method (CPM) based schedules using a method known as activity ranging, that has limitations in both in its application and the outputs produced. Major industry bodies such as Risk Engineering Society (RES) Australia, and AACE International recommend an approach known as the 'Risk Driver' Method in preference to traditional ranging.

This presentation provides an overview of using the Risk Driver method for QSRA by comparing the similarities and differences over the traditional approach. For new or experienced QSRA practitioners this presentation will provide guidance on adopting and using this method with practical examples to demonstrate the benefits offered by the Risk Driver method for informed risk-based decision making.