



ENGINEERS  
AUSTRALIA

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hours

Hosted by: Australian Cost Engineering Society (ACES) NSW

# A Construction time Machine Use of Augmented Reality in Construction



**Red Arrow**  
Group Pty Ltd

The role of the cost engineer and project planner is ever evolving, projects are becoming more complex and stakeholders are more demanding.

The ability to develop and concisely deliver project plans in a digital world are becoming a requirement and companies are leveraging technology and 3D models to achieve this.

Effective 4D schedule development allows active risk management, improves stakeholder engagement, reduces project timeframes and saves money.

4D models enable project teams to resolve issues before they become problems and provides value through the entire lifecycle.

In addition to the above, Pieter will also show how cutting edge technology such as Augmented reality devices together with cloud computing can be used to manage projects.

## About the Speaker

**Pieter Rautenbach – 4D Manager, Red Arrow Group**



Pieter has a strong passion for improving outcomes in the construction industry through Digital Engineering.

Prior to joining Red Arrow, he worked in the USA, Africa and Australia for contractors, consulting firms and large owner organisations. Pieter has effectively implemented innovative process and technologies in various organisations.

His standing in the industry is reflected through the numerous technical presentations and guest lectures that he provides at universities, conferences and technical societies. He is a member of the ACES (Vice Chair Queensland)

Pieter holds over 13 years of experience developing and delivering projects in the industries of, Mining, Oil & Gas, Road Infrastructure and Buildings and Manufacturing.

## VENUE

Engineers Australia  
Harricks Auditorium  
8 Thomas Street  
Chatswood NSW 2068

## DATE & TIME

12<sup>th</sup> February 2018  
5.30 pm for a 6.15 pm start  
6.15 pm to 7.15 pm Presentation  
7.15 pm End.

Light refreshments will be provided prior to the presentation.

## CPD

Eligible for 2 Continuing Professional Development (CPD) hours

## TICKETS (incl. GST)

ACES/AACEI Members & Students:  
\$10  
Non-members: \$40

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