



Perth
3 April 2025

Aloft Perth Hotel, Rivervale

ARCIA Critical Communications Conference

8.15am-8.50am REGISTRATION / TEA & COFFEE

Conference stream

9.00 am-9.30 am **How Public Safety Agencies Optimised Critical Comms During the Paris Olympics**
Brad Welch — *General Manager, TPL Systems*

9.30 am-10.00 am **Digital LMR and Location Services – Battle of the Titans**
David Ross — *Senior Software Engineer, Omnitronics*

10.00 am-10.30 am **Starlink Direct to Cell – The New Zealand Experience and the Impact & Opportunity for Australian LMR Users**
Andrew Thompson — *CEO and Founder, RF Fresh*

10.30 am-11.00 am MORNING BREAK

11.00 am-11.30 am **AI, IoT & LoRaWAN: Transforming Ultra-Early Fire Detection for Forestry, Infrastructure, and Climate Resilience**
Sohan Domingo — *Vice President Sales Technology and Operations, Dryad Networks*

11.30 am-12 Noon **Pathways to Deploy 3GPP Mission Critical Broadband Services (MCX), with Icon Water (ACT) Case Study “Move from narrowband to broadband”**
Faz Moradi — *Director, Client Solutions and Strategic Partnerships, Motorola Solutions Australia and New Zealand and Director of ACCF*

12 Noon-12.30 pm **Navigating Australia’s Airwaves – Exploring Spectrum Opportunities**
Andrew May — *Licensing Manager, Spectrum Engineering*

12.30 pm-1.30 pm LUNCH BREAK

1.30 pm-2.00 pm **Resilience in Engineering Design**
Rob Howes — *Principal Engineer, Write Technology*

2.00 pm-2.30 pm **A Brief Look Under the Bonnet of TAK – Operations with an Interoperable, Unified Common Operating Picture**
Neil Jamieson — *Group CEO, Hypha*

2.30 pm-3.00 pm **Standards Progress for LMR to Hybrid Narrowband & MCPTT Solutions**
David Deacon — *CEO and Founder, Etherstack*

3.00 pm-3.30 pm AFTERNOON BREAK

3.30 pm-4.30 pm **Panel discussion: The Use of Satellite Communications in the Critical Communications Environment – Separating Fact from Fiction**
Hosted by: Chris Stevens — *Managing Director, CartGIS*
Panel members: Andrew Thompson, David Deacon and Neil Jamieson.

6.00 pm-10.30 pm ARCIA NETWORKING DRINKS/ DINNER

The conference organisers reserve the right to make changes to the agenda at any time and without notice.

ARCIA – Australia’s Radio and Critical Communications Association

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Industry Training by ARCIA

Introduction to Radio Communications

Trainer: Chris Stevens — Managing Director, CartGIS

10 Hours | ARCIA Member = \$1320 +GST ; Non-member = 1650 +GST

Date: 12 – 16 May, 2025

This course introduces students to radio communication and associated technologies. Modules include an overview of radio service as a transmission media, how transmitters and receivers work, and an overview of wave propagation and radio antenna systems.

Microwave Engineering Masterclass

Trainer: Trevor Manning — Director, Trevor Manning Global

12.5 Hours | ARCIA Member = \$1320 +GST ; Non-member = 1650 +GST

Date: 25 – 29 August, 2025

In this course, you will learn how to plan, design, and operate radio networks. At the end of this course, you will understand the overall microwave market with an update on current and future developments, including how to apply the latest planning standards.

Introduction to Digital Land Mobile Radio (LMR) Standards and Planning

Trainer: Chris Stevens — Managing Director, CartGIS

8 Hours | ARCIA Member = \$1180 +GST ; Non-member = 1450 +GST

This course introduces the student to the digital LMR standards and technology. Modules include an overview of digital radio standards as a transmission media including the different standards, modulation, and vocoders.

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