# Brisbane
## 24 July 2025
### The Greek Club, South Brisbane

## ARCIA Critical Communications Conference

| | Conference stream | Half-day workshop |
|---|---|---|
| 8.15am-8.50am | REGISTRATION / TEA & COFFEE | |
| 9.00 am-9.30 am | **The Growing Connectivity Between LMR & the G's**<br>Hamish Duff — *Managing Director, Mastercom* | WORKSHOP 1:<br>**The TAK Imperative**<br>Scott Geldard, Graham Tait and Matt Franks — *Hypha* |
| 9.30 am-10.00 am | **Pathways to Deploy 3GPP Mission Critical Broadband Services (MCX), with Icon Water (ACT) Case Study "Move from Narrowband to Broadband"**<br>Rhys Clare — *National Sales Manager ANZ of Airbus and Director of the Australasian Critical Communications Forum (ACCF)* | |
| 10.00 am-10.30 am | **AI & Mission Critical Communication Systems – The Current Trends, Complexities, Applications and Evolving Opportunity**<br>Ashwin Dinkar — *VP – Defence & International Business, Eventide Communications LLC* | |
| 10.30 am-11.00 am | MORNING BREAK | |
| 11.00 am-11.30 am | **Innovative Solutions Using cnWave 60 GHz for Industrial Solutions**<br>Eddie Stephanou — *Regional Technical Manager AU/NZ & Pacific, Cambium Networks* | WORKSHOP 2:<br>**Designing and Planning Microwave Networks**<br>Eddie Stephanou — *Cambium Networks* |
| 11.30 am-12 Noon | **Navigating Australia's Airwaves – Exploring Spectrum Opportunities**<br>Andrew May — *Executive Manager, Spectrum Engineering* | |
| 12 Noon-12.30 pm | **Vehicle as A Node (VAAN) – A Look at How This is Changing the Landscape for PSMB**<br>Scott Geldard — *COO, Hypha* | |
| 12.30 pm-1.30 pm | LUNCH BREAK | |
| 1.30 pm-2.00 pm | **How Public Safety Agencies Optimised Critical Comms During the Paris Olympics**<br>Brad Welch — *General Manager, TPL Systems* | |
| 2.00 pm-2.30 pm | **Cybersecurity for LMR Systems**<br>Alvin Singh — *Senior Solutions Architect, Motorola Solutions* | |
| 2.30 pm-3.00 pm | **Standards Progress for LMR to Hybrid Narrowband & MCPTT Solutions**<br>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**<br>Hosted by: Chris Stevens — *Managing Director, CartGIS*<br>*Panel members Hamish Duff, Scott Geldard, David Deacon and Luke Marchant* | |
| 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*

**arcia.org.au**

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## ARCIA Thanks our Partners for their support


## Training by ARCIA

### Land Mobile Radio: Antenna and Transmission Line Fundamentals and Testing

**Trainer: Chris Stevens — Managing Director, CartGIS**

**7.5 Hours | ARCIA Member = $700 +GST; Non-member = $900 +GST**

**Date: Wednesday 23 July, 2025 | Bookings open**

**Venue: The Greek Club, 29 Edmondstone St, South Brisbane QLD 4101**

This course introduces the student to land mobile radio base station antenna fundamentals. Modules include land mobile radio antenna systems and transmission line theory. Students will acquire theory and practical understanding of setup, calibration of antenna test units and how to interpret results.

### 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 | Bookings open**

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***

**Date: 1 - 5 September 2025 | Booking open**

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.

### Introduction to Radio Communications

**Trainer: Chris Stevens — Managing Director, CartGIS**

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

**Date: 10 – 14 November 2025 | Bookings open**

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.

**arcia.org.au/training**