



Sydney
29 May 2025

NSW Teachers Federation, Surry Hills

ARCIA Critical Communications Conference

8.15am-8.50am REGISTRATION / TEA & COFFEE

Conference stream

9.00 am-9.30 am	Digital Platforms for Critical Communications Craig Parnham — <i>Executive Director, Digital, Technology and Innovation, NSW Telco Authority</i>
9.30 am-10.00 am	3GPP Mission Critical Broadband Services (MCX): Best Practises and Successful Deployment Case Studies Bidar Homsey — <i>Principal Consultant and Head of Business Development, Public Safety, Frequentis Australasia Pty Ltd, Chair and Board Director, Australasian Critical Communications Forum (ACCF)</i>
10.00 am-10.30 am	Starlink Direct to Cell – The New Zealand Experience and the Impact & Opportunity for Australian LMR Users Andrew Thompson — <i>CEO and Founder, FreshRF</i>

10.30 am-11.00 am MORNING BREAK

11.00 am-11.30 am	Unifying Public Safety Communications within Surf Life Saving NSW: Seamless Integration and Interoperability between agencies using DMR and P25 Chris Stevens — <i>Managing Director, CartGIS</i>
11.30 am-12 Noon	Navigating Australia's Airwaves – Exploring Spectrum Opportunities Andrew May — <i>Licensing Manager, Spectrum Engineering</i>
12 Noon-12.30 pm	A Brief Look Under the Bonnet of TAK – Operations with an Interoperable, Unified Common Operating Picture Neil Jamieson — <i>Group CEO, Hypha</i>

12.30 pm-1.30 pm LUNCH BREAK

1.30 pm-2.00 pm	AI, IoT & LoRaWAN: Transforming Ultra-Early Fire Detection for Forestry, Infrastructure, and Climate Resilience Sohan Domingo — <i>Vice President Sales Technology and Operations, Dryad Networks</i>
2.00 pm-2.30 pm	Collaboration from the Depths of Sydney's Tunnels Kurt Foster — <i>Senior Project Officer Operational Communications, Fire and Rescue NSW</i>
2.30 pm-3.00 pm	Enhancing Operational Readiness: VaaN in the NSW RFS Matthew White — <i>Manager of Operational Platforms, Rural Fire Service</i>

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 — <i>Managing Director, CartGIS</i> Panel members: Andrew Thompson, Simon Lardner, Neil Jamieson and Matthew White.
-----------------	---

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

ARCIA Thanks our Partners for their support



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

Training by ARCIA

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 | Bookings open soon

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 soon

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.