



Brisbane

25 July 2024

Rydges Southbank, South Brisbane

ARCIA Critical Communications Conference

8.15am-8.50am REGISTRATION / TEA & COFFEE

	Conference stream	Half-day workshop
9.00 am-9.30 am	The Business of Critical Comms Luke Marchant — <i>General Manager, Government Centre of Excellence (CEO), Telstra Defence and Public Sector</i>	Private LTE/5G – The Fundamentals of Technology and System Designs Simon Lardner — <i>Head of Wireless Business—Vocus</i>
9.30 am-10.00 am	Queensland Police Service Radio Communications Maintenance and Enhancement Plan Garry Kerr — <i>A/Director Frontline Communications & Response Frontline & Digital Division Strategy and Corporate Services Command, Queensland Police Service</i>	
10.00 am-10.30 am	Spectrum for Wireless Broadband – An Update Andrew May — <i>Executive Manager, Spectrum Engineering</i>	
10.30 am-11.00 am MORNING BREAK		
11.00 am-11.30 am	What is TAK and Why Aren't We Using It? Neil Jamieson — <i>Group CEO, Hypha</i>	WORKSHOP Continues... Private LTE/5G – The Fundamentals of Technology and System Designs
11.30 am-12 Noon	Deploying Private LTE Technology in Operational Telecom Networks Vishal Kohli — <i>LTE/5G Specialist, Commtel Network Solutions</i>	
12 Noon-12.30 pm	Advancing Interoperability in Emergency Response Communications Paul Elmes — <i>Managing Director (Asia-Pacific), Tait Communications</i>	
12.30 pm-1.30 pm LUNCH BREAK		
1.30 pm-2.00 pm	Mission Critical Push-To-Talk—Will Land Mobile Radio ever go away? Lee Mason — <i>Account Manager ANZ – Public Safety & Professional Communications, L3 Harris</i>	
2.00 pm-2.30 pm	Bridging the Connectivity Gap: Starlink and LTE in Industrial Sectors Mark Lewis — <i>QLD Operations Manager and Principal Consultant, Titan ICT</i> , and Daniel Breakell — <i>ICT Business Consultant, Titan ICT</i>	
2.30 pm-3.00 pm	Fire and Rescue NSW — Critical Communications and How Radio Technology Remains Relevant Richard Gibb — <i>Systems Officer, Operational Communication, Fire & Rescue NSW</i>	
3.00 pm-3.30 pm AFTERNOON BREAK		
3.30 pm-4.30 pm	Panel discussion: A Developing Critical Communications Landscape—The Challenges & Opportunities that come with New Technology and More Choice Hosted by: Chris Stevens — <i>Managing Director, CartGIS</i> <i>Panel members: Garry Kerr, Richard Gibb, Neil Jamieson, Luke Marchant, David Breakell.</i>	
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.

Visit <https://arcia.org.au/events/critical-communications-conference-brisbane-july-2024/> for the latest speaker program.

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Available Industry Training by ARCIA: [Learn more >>](#)

Introduction to Radio Communications

Trainer: Chris Stevens — Managing Director, CartGIS

10 hours | ARCIA Member = \$1160 +GST; Non-member = \$1450 +GST

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 = \$1280 +GST; Non-member = \$1600 +GST

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 = \$1080 +GST; Non-member = \$1350 +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.