



ARCIA Critical Communications Conference

8.15am-8.50am REGISTRATION / TEA & COFFEE

	Conference stream	Half-day workshops
9.00 am-9.30 am	ARCIA Market Update: Challenges & Opportunities Hamish Duff — <i>Managing Director, Mastercom; President, ARCIA</i>	Private LTE/5G – The Fundamentals of Technology and System Designs Simon Lardner — Head of Wireless business—Vocus, Vocus
9.30 am-10.00 am	The Evolution of Critical Communications – How Industry is Responding to the Needs of Critical Users for both Voice & Data Graham Tait — <i>Mesh Solutions Lead, Hypha</i>	
10.00 am-10.30 am	Achieving Interoperability: The Future of Connected Critical Communications Systems Paul Whitfield — <i>Research & Development Manager, Omnitronics</i>	

10.30 am-11.00 am MORNING BREAK

11.00 am-11.30 am	The Future of Communications Networks: Embracing Infrastructure-Free Communications Solutions Peter Scarlata — <i>CEO Australasia, Simoco Wireless Solutions</i>	WORKSHOP Continues... Private LTE/5G – The Fundamentals of Technology and System Designs
11.30am-12 Noon	Transitioning from Narrowband Communications to Hybrid PTTtoC & Broadband Technologies David Deacon — <i>CEO, Etherstack</i>	
12 Noon-12.30 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>	

12.30 pm-1.30 pm LUNCH BREAK

1.30 pm-2.00 pm	Spectrum for Wireless Broadband – An Update Andrew May — <i>Executive Manager, Spectrum Engineering</i>	Designing and Planning Microwave Networks Eddie Stephanou — <i>Regional Technical Manager for Australia, New Zealand and Pacific Islands, Cambium Networks</i>
2.00 pm-2.30 pm	Deploying Private LTE Technology in Operational Telecom Networks Vishal Kohli — <i>LTE/5G Specialist, Commtel Network Solutions</i>	
2.30 pm-3.00 pm	Wireless Technologies – Considerations for Making the Best Technology Decision for your Use Case Justin Wyatt — <i>Principal ICT Consultant, Titan ICT</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: Graham Tait, Justin Wyatt, David Deacon, Vishal Kohli & Hamish Duff.</i>	WORKSHOP Continues... (until 5:00 pm) Designing and Planning Microwave Networks
-----------------	--	--

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 Thanks our Partners for their support



PARTNERS 2023-2024

ELITE PARTNERS



GOLD PARTNERS



EVENT PARTNERS

SILVER PARTNERS



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

Please visit <https://arcia.org.au/events/one-day-conference-perth-14-march-2024/> for the latest speaker program.

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.