

**8.15am REGISTRATION**

8.50am–9.00am

**Welcome and Opening Remarks: Paul Davis** — Events Director, WFEvents, followed by the Chair, **Kit Wignall**

9.00am–9.45am

**OPENING KEYNOTE ADDRESS: Smart community, smart public safety**

**Bill Schrier** — Senior Advisor, First Responder Network Authority

9.45am–10.30am

**PLENARY: An update on the status of public safety mobile broadband**

**Luke Brown** — Assistant Secretary (a/g), Emergency Management Australia, Department of Home Affairs

**10.30am – 11.00am MORNING BREAK**

PUBLIC SAFETY AND EMERGENCY MANAGEMENT

INDUSTRY

11.00am–11.30am

**Public safety next generation networks, and applications supporting day-to-day mission-critical operations using these networks**

**Sohan Domingo** — Business Development Manager, Nokia

11.00am–11.30am

**The current status of evolution from critical narrowband RF technologies to 4G, 5G critical mobile broadband technologies**

**Anton Abrahams** — Chairman, Australasian TETRA and Critical Communications Forum

11.30am–Noon

**Designing reliable fixed wireless networks for public safety and IoT applications**

**Eddie Stephanou** — Regional Technical Manager – ANZ, Cambium Networks Limited

11.30am–Noon

**Utility sector case study – improving the visibility and reliability of Jemena first responders within the utility sector using digital two-way radio**

**Glen Norris** — National Business Development Manager, Orion Network and **Steven Oliver** — Team Leader, Despatch, Jemena

Noon–12.30pm

**Using PTT to extend mission-critical LMR networks**

**Station Officer Graham Tait** — Systems Officer, Operational Communications, Fire & Rescue NSW

Noon–12.30pm

**Digital wireless evolution in train communications and signalling**

**Doug Bowden** — Director, Australasian TETRA and Critical Communications Forum/Senior Business Development Manager – Australasia, Sepura

**12.30pm – 1.30pm LUNCH BREAK**

WORKSHOP 1

WORKSHOP 2

WORKSHOP 3

1.30pm–3.00pm

**Radio spectrum management – what's trending in 2018**

*Presented by:* **Peter Hilly** — Managing Director, Spectrum Engineering and **Andrew May** — Licensing Manager, Spectrum Engineering Australia

1.30pm–3.00pm

**Control rooms – environment: trends and future developments**

*Presented by:* **David Williams** — University of Melbourne, **Inspector Ged Griffin** — Victoria Police, **Mark Holmes** — ACRNA, **Geoff Spring** — University of Melbourne, **Station Officer Graham Tait** — Fire & Rescue NSW, **Hamish Duff** — Mastercom, **Michael Kiernan** — OnStar, **Graham Manson** — International Resilience Group

1.30pm–3.00pm

**The Internet of Things for public safety – what lessons can be learnt from other countries when developing our application ecosystem for first responders – the next steps**

*Panel:* **Bill Schrier** — Senior Advisor, US First Responder Network Authority (FirstNet), **Hamish Duff** — President, ARCIA  
*Moderator:* **Ian Miller** — Executive Officer, ARCIA. Further panel members TBC

**3.00pm – 3.30pm AFTERNOON BREAK**

WORKSHOP 1

WORKSHOP 2

WORKSHOP 4

3.30pm–5.00pm

**Radio spectrum management – what's trending in 2018**

Cont'd..

3.30pm–5.00pm

**Control rooms – environment: trends and future developments**

Cont'd..

3.30pm–5.00pm

**Critical messaging in the modern world**

*Presented by:* **Brad Welch** — General Manager, TPL Systems Asia Pacific

**5.00pm – 6.00pm NETWORKING DRINKS – EXHIBITION HALL sponsored by Wireless Innovation**

**6.00pm – 10.30pm ARCIA INDUSTRY NETWORKING DINNER – Rydges Parramatta**

8.30am REGISTRATION	
<b>9.00am–9.30am</b> <b>PLENARY: The challenges facing spectrum regulators in the new technology environment</b> <b>Giles Tanner</b> — General Manager, Communications Infrastructure Division, ACMA	
PUBLIC SAFETY/EMERGENCY MANAGEMENT	INDUSTRY
<b>9.30am–10.00am</b> <b>Victorian marine boating public safety infrastructure —innovative approach to boost public safety</b> <b>Marcus Grinblat ESM</b> — Vice Captain Communications, Victoria State Council	<b>9.30am–10.00am</b> <b>The value of a strong industry association</b> <b>Hamish Duff</b> — President, ARCIA
<b>10.00am–10.30am</b> <b>SURFCOM — Protecting NSW’s coastal water users through intraoperability and interoperability</b> <b>Andrew Ugarte</b> — Duty Operations, Surf Life Saving NSW	<b>10.00am-10.30am</b> <b>Customer-driven outcomes on a multifunction platform</b> <b>John Graham</b> — Product Manager, Tait Communications
10.30am – 11.00am MORNING BREAK	
PUBLIC SAFETY/EMERGENCY MANAGEMENT	TECHNOLOGY
<b>11.00am–11.30am</b> <b>A case study on next-generation networks for mission-critical services</b> <b>Nilesh Joshi</b> — General Manager – Supply & Solution, CommTel Network Solutions	<b>11.00am–11.30am</b> <b>Li-Fi: Mobility for the 2020s</b> <b>Lawrence McKenna</b> — Telecommunications Section Manager, Wood & Grieve Engineers
<b>11.30am–Noon</b> <b>Mobile broadband applications: innovations for business- and mission-critical users</b> <b>James Reed</b> — Principal Consultant, Titan ICT Consultants	<b>11.30am–Noon</b> <b>What’s it all about — 5G?</b> <b>Roger Kane</b> — Managing Director, Vicom
<b>Noon–12.30pm</b> <b>Reliable everywhere communications</b> <b>Keith Richardson</b> — Technical Manager, AST Australia and <b>Nawal Gumusel</b> — Regional Director, Oceania, Iridium	<b>Noon–12.30pm</b> <b>5G roadmap: pipe dream to reality</b> <b>Dale Stacey</b> — Technical Director, SAT Pty
12.30pm – 1.30pm LUNCH BREAK	
TECHNOLOGY	TECHNOLOGY
<b>1.30pm–2.00pm</b> <b>Rethinking two-way radio intrinsic safety — Fire &amp; Rescue NSW</b> <b>Paul Barnes</b> — Director IT, Operations & Communications, Fire & Rescue NSW	<b>1.30pm–2.00pm</b> <b>A ‘smart world’ — so what?</b> <b>William Heapy</b> — Director of Planning and Strategy, Axicom
<b>2.00pm–2.30pm</b> <b>Enhancing safe work at heights near radio sites</b> <b>Tony Paul</b> — AMTA RF Safety Program Manager, Principal, PicoNet Consulting	<b>2.00pm–2.30pm</b> <b>LPWAB connectivity options as the backbone for Industrial IoT</b> <b>Loic Barancourt</b> — CEO, Thinxtra
<b>2.30pm–3.30pm</b> <b>CLOSING PANEL SESSION: Public safety mobile broadband: the way forward for critical communications in Australia</b> <p>This panel session will bring together experts to discuss the present status of public safety mobile broadband and the path ahead in Australia. The issue has been at the forefront of discussions for a number of years, with progress being made with the release late last year of a request for information. Many experts, including those on our panel, believe that the way forward must take in to account overseas trends and the latest technology developments.</p> <p>Panel members and delegates will discuss, in a facilitated session, various options and points of view on what such a strategy might look like and in particular, what has been learned from international experiences, including here at Comms Connect</p> <p>these past two days, and what questions still remain to be addressed. The discussion’s aim is to offer value to agencies as they move into the phase of preparing the operational guidelines and the inter-relationships between agencies and jurisdictions for this critical communications development, as well as opening up discussions on new technologies and trends for public safety communications.</p> <p><i>Panel:</i> <b>Bill Schrier</b> — Senior Advisor, US First Responder Network Authority (FirstNet), Inspector <b>Ged Griffin</b> – Victoria Police. Further panel members TBC.</p> <p><i>Moderator:</i> <b>Ian Miller</b> — Executive Officer, ARCIA</p>	
3.30pm CONFERENCE AND EXHIBITION CLOSE	