

8.15am REGISTRATION

THEATRE 1

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: A glimpse into the future of Europe's PSMB through the PSCE conference

Ian Miller — Executive Officer, ARCIA

10.30am – 11.00am MORNING BREAK

PUBLIC SAFETY AND EMERGENCY MANAGEMENT — THEATRE 1

INDUSTRY — THEATRE 2

11.00am–11.30am

The future — next generation mission-critical public safety mobile broadband network (PSMB), and its usage

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

Ali Shamsizadeh — Senior Project Manager, MCS Digital

12.30pm – 1.30pm LUNCH BREAK

WORKSHOP 1 — THEATRE 2

WORKSHOP 2 — THEATRE 1

WORKSHOP 3 — THEATRE 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, **Les Scott** — Zetron, **Andrew Constantinou** — Sydney Trains, **Michael Kiernan** — General Motors International, **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, **Geoff Waterhouse** — Program Director, Assets & Infrastructure, Finance, Performance & Assets, NSW Ambulance. *Moderator:* **Ian Miller** — Executive Officer, ARCIA

3.00pm – 3.30pm AFTERNOON BREAK

WORKSHOP 1

WORKSHOP 2

WORKSHOP 4 — THEATRE 3

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 and **Liam Darling** — Sales Director Australia, Tellen

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

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

THEATRE 1:	
9.00am–9.30am PLENARY: The challenges facing spectrum regulators in the new technology environment Giles Tanner — General Manager, Communications Infrastructure Division, ACMA	
PUBLIC SAFETY/EMERGENCY MANAGEMENT — THEATRE 1	INDUSTRY — THEATRE 2
9.30am–10.00am Victorian marine boating public safety infrastructure — innovative approach to boost public safety Marcus Grinblat ESM — Vice Captain Communications, Victoria State Council	9.30am–10.00am The value of a strong industry association Hamish Duff — President, ARCIA
10.00am–10.30am SURFCOM — Protecting NSW's coastal water users through intraoperability and interoperability Andrew Ugarte — Duty Operations, Surf Life Saving NSW	10.00am–10.30am Customer-driven outcomes on a multifunction platform John Graham — Product Manager, Tait Communications
10.30am – 11.00am MORNING BREAK	
PUBLIC SAFETY/EMERGENCY MANAGEMENT — THEATRE 1	TECHNOLOGY — THEATRE 2
11.00am–11.30am A case study on next-generation networks for mission-critical services Nilesh Joshi — General Manager – Supply & Solution, CommTel Network Solutions	11.00am–11.30am Li-Fi: Mobility for the 2020s Lawrence McKenna — Telecommunications Section Manager, Wood & Grieve Engineers
11.30am–Noon Mobile broadband applications: innovations for business- and mission-critical users James Reed — Principal Consultant, Titan ICT Consultants	11.30am–Noon What's it all about — 5G? Roger Kane — Managing Director, Vicom
Noon–12.30pm Reliable everywhere communications Keith Richardson — Technical Manager, AST Australia and Nawal Gumusel — Regional Director, Oceania, Iridium	Noon–12.30pm 5G roadmap: pipe dream to reality Dale Stacey — Technical Director, SAT Pty
12.30pm – 1.30pm LUNCH BREAK	
TECHNOLOGY — THEATRE 1	TECHNOLOGY — THEATRE 2
1.30pm–2.00pm Rethinking two-way radio intrinsic safety — Fire & Rescue NSW Paul Barnes — Director IT, Operations & Communications, Fire & Rescue NSW	1.30pm–2.00pm A 'smart world' — so what? William Heapy — Director of Planning and Strategy, Axicom
2.00pm–2.30pm Enhancing safe work at heights near radio sites Tony Paul — AMTA RF Safety Program Manager, Principal, PicoNet Consulting	2.00pm–2.30pm LPWAB connectivity options as the backbone for Industrial IoT Loic Barancourt — CEO, ThinXtra
THEATRE 1	
2.30pm–3.30pm CLOSING PANEL SESSION: Public safety mobile broadband: the way forward for critical communications in Australia	
<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 these past two days, and what questions still remain to be addressed. The discussion's</p>	<p>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> Bill Schrier — Senior Advisor, US First Responder Network Authority (FirstNet), Inspector Ged Griffin — Victoria Police, Paul Barnes — Director IT, Operations & Communications, Fire & Rescue NSW, Luke Brown — Assistant Secretary (a/g), Emergency Management Australia, Department of Home Affairs.</p> <p><i>Moderator:</i> Ian Miller — Executive Officer, ARCIA</p>
3.30pm CONFERENCE AND EXHIBITION CLOSE	