



Wednesday, 22 November Day 1, Conference Program

8.50am	THEATRE 1: PLENARY WELCOME AND OPENING REMARKS: <i>Paul Davis</i> — Events Director, WFevents, followed by the Chair: <i>Kit Wignall</i> — DXC Technology		
9.00am	OPENING KEYNOTE ADDRESS: Finding the balance — privacy and security <i>Michael Doucet</i> — Executive Director, Security Intelligence Review Committee, Canada		
9.45am	KEYNOTE ADDRESS: The FirstNet wireless LTE network and the Internet of Life Saving Things (IoLST) <i>TJ Kennedy</i> — President, First Responder Network Authority		
10.30am Morning Break — Exhibition Hall			
	THEATRE 1 Public safety and emergency management	THEATRE 2 Industry	THEATRE 3 Technology
11.15am	Public safety mobile broadband in Australia — next steps <i>Luke Brown</i> — Assistant Secretary (a/g), Disaster Resilience Strategy Branch, Emergency Management Australia	The Internet of everything and the challenges to the current paradigm <i>Hesham Soliman</i> — Director of Technology, Athonet	The future for critical messaging <i>Jim Nelson</i> — President, Critical Messaging Association of America (CMAA)
11.45am	Operational communications — the next wave <i>Terry Daly</i> — Program Director, Public Safety Mobile Broadband, NSW Telco Authority	Tracking the market momentum of DMR <i>Mike Norfield</i> — Group CEO, Simoco Wireless Solutions	Technical and economical comparison of POCSAG, TETRA and LTE for alerting purpose <i>Graeme Hull</i> — Director of Business Development, Swissphone Wireless
12.15pm	Critical communications at the core of the 5G vision <i>Peter Clemons</i> — Founder and CEO, Quixoticity	The Australian story of spectrum management – yesterday, today and tomorrow <i>Peter Hilly</i> — Managing Director, Spectrum Engineering	Unauthorised transmissions – security threat or commercial liability? <i>Chris Gamgee</i> — Engineering Manager, Vicom and <i>David Pearce</i> — Region Program Manager Defence and Aviation, Vicom
12.45pm Lunch Break — Exhibition Hall			
2.00pm	Is satellite able to fill the gap? <i>Neil Jamieson</i> — Managing Director, Wireless Innovation	Trends in LTE <i>Justin Wyatt</i> — Principal Consultant, Titan ICT	Defending critical communications network infrastructure against cyber attacks <i>Bilal Javed</i> — Senior Consulting Engineer, Nokia
2.30pm	Drones, robots and public safety mobile broadband – the future of firefighting <i>Station Officer Graham Tait</i> — Systems Officer, Operational Communications, Fire & Rescue NSW	Unifying critical communications <i>Ross Spearman</i> — Chief Technology Officer, Tait Communications	Cyber security for industrial control networks <i>Manoj Kumar</i> — Cyber Security Manager, CommTel Network Solutions
3.00pm Afternoon Break — Exhibition Hall			
3.30pm	Deployable trunked radio networks: the tropical cyclone Debbie operation <i>A/Superintendent Craig Stolte</i> — GWN Executive Manager, Queensland Fire and Emergency Services	Integrated operations using smart connected networks <i>Stuart Zerbe</i> — Director, Marketing & Strategy, Harris	TETRA in Brisbane Hotel and Casino <i>Malcolm Davies</i> — Account Manager, Radlink Communications
4.00pm	The evolution of critical communications on LTE/5G <i>Steve Wilson</i> — Domain Manager, Ericsson	Panel Session: What steps need to be taken by the critical communications industry/ community to place our requirements at the core of future converged networks?	Wireless fabric for smart cities <i>Roy Wittert</i> — Regional Sales Director – Australia, NZ and Pacific Islands, Cambium Networks
4.30pm	Researching to support the transformation of the mission-critical public safety ecosystem <i>Professor Greg Foliente</i> — Enterprise Professor, Melbourne School of Engineering/Manager, Centre for Disaster Management and Public Safety, The University of Melbourne	Panel: Inspector (Ret.) Lance Valcour O.O.M — Life Member, Canadian Association of Chiefs of Police, Hamish Duff — President, ARCIA, Alex Stefan — National General Manager, Govt & Public Safety & Security, Telstra, Mike Norfield — Group CEO, Simoco, Tony Gray — Chief Executive, TCCA Moderator: Peter Clemons — Founder, Quixoticity, Chief Designer, Quixoticity Index	Project trends in the use of LTE in mission-critical systems <i>Jonathan Stubing</i> — Principal Consultant, DXC Technology
5.00pm	THEATRE 2: DAY 1 CLOSING ADDRESS: A new kind of network to empower everyone to thrive in a connected world <i>Karim Nejaim</i> — Director, Global Enterprise Product Engineering, Telstra		
5.30pm	NETWORKING DRINKS — EXHIBITION HALL – sponsored by Wireless Innovation		
6.30pm	ARCIA ANNUAL INDUSTRY GALA DINNER — MCEC		

Thursday, 23 November Day 2, Conference Program

8.50am	THEATRE 1: PLENARY WELCOME AND OPENING REMARKS FROM THE CHAIR: <i>Kit Wignall — DXC Technology</i>
9.00am	PLENARY ADDRESS: Radiocommunications legislation — a platform for the future <i>Cathy Rainsford — Assistant Secretary, Spectrum and Security Branch, Market Reforms Division, Department of Communications and the Arts</i>
9.45am	PLENARY ADDRESS: The UK Emergency Services Mobile Communications Programme — a technical insight into its delivery <i>Duncan Swan — Director, Mason Advisory, UK</i>

10.30am Morning Break — Exhibition Hall

	THEATRE 1 Public safety and emergency management	THEATRE 2 Industry	THEATRE 3 Technology
11.00am	Towards a broadband future: a critical broadband standards update <i>Tony Gray — CEO, TCCA</i>	Improving the visibility and reliability of Jemena customer and general service teams within the utility sector using digital two way radio. <i>Steven Oliver — Team Leader, Despatch, Jemena</i> <i>Glen Norris — NBDM, Orion Network</i>	Radio-based SCADA telemetry solutions for utilities, deployment and testing <i>John Yaldwyn — CTO, 4RF Australia</i>
11.30am	BroadMap to BroadWay: steps towards European Interoperable broadband for public safety <i>Dr David Lund — Coordinator — BroadMap / Board Member — Public Safety Communications Europe</i>	How IoT is revolutionising fleet management <i>Vince Jager — Vice President, KORE Asia Pacific</i>	Upgrading SCADA Comms on a large electricity utilities network – a case study <i>Sarosh Dubash — Technical Manager, Schneider Electric</i>
Noon	The patient journey — the ambulance as an enhanced means of patient care <i>Geoff Waterhouse — Senior Project Manager, Radio Telecommunications Capital Works Programme, NSW Ambulance</i>	The value of things <i>Gordon Gay — General Manager, Applied Labs — Innovation Office, NEC Australia</i>	LPWAN technology options as connectivity backbone for industrial IoT <i>Renald Gallis — VP Marketing & Ecosystem, Thintra</i>

12.30pm Lunch Break — Exhibition Hall

1.30pm	Inter-agency CAD Electronic Message System (ICEMS) <i>Garry Kerr — Project Manager, Queensland Public Safety Business Agency</i>	The changing landscape of land mobile radio — threats and opportunities <i>Hamish Duff — President, ARCIA</i>	In-Building RF: more than just talk <i>Franz Obermoser — Telecommunications Project Engineer, Wood & Grieve Engineers</i>
2.00pm	Yarra Ranges emergency rebroadcast case study <i>Chris Stevens — Managing Director, CartGIS</i>	Enhancing safe work at heights near radio sites <i>Tony Paul — AMTA RF Safety Program Manager, Principal, PicoNet Consulting</i>	The future connected worker <i>Damien Batey — Director of Communications, APAC, Motorola Solutions</i>
2.30pm	Next-generation networks — what does the future look like? <i>Greg Bouwmeester — Public Safety Solutions, Motorola Solutions</i>	Challenges for utilities: maximising licensed spectrum in narrow bandwidths <i>John Billows — Business Development Manager, MiMOMax Wireless</i>	The evolution of interference and modern methods of emitter location <i>Steve Karandais — General Manager, Keysight Technologies</i>

3.00pm Afternoon Break — Exhibition Hall

3.30pm	EXHIBITION CLOSES		
3.30pm	ROOM 2.2: CLOSING PANEL SESSION Public safety mobile broadband — the way forward for critical communications in Australia <p>This panel session will bring together members who will discuss public safety mobile broadband and the way ahead in Australia. While this single issue has been at the forefront of conversations for a number of years, many experts, including those on our panel, believe that it is now critical to broaden the conversation to include the need for a national strategy that covers public safety mobile broadband, next-generation triple zero and their combined impact on emergency services communications centres that outlines the way forward. Panel members and delegates will discuss, in a facilitated session, various options and points of view on what such a strategy might entail. This discussion will be invaluable 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.</p> <p>Panel: <i>Jim Nelson — President, Critical Messaging Association of America (CMAA), Station Officer Graham Tait — Systems Officer, Operational Communications, Fire & Rescue NSW, Garry Kerr — Project Manager, Queensland Public Safety Business Agency, Geoff Waterhouse — Senior Project Manager, Radio Telecommunications Capital Works Programme, NSW Ambulance, Superintendent Bevan Moore — QFES Lead Representative, Qld Fire & Emergency Services</i></p> <p>Moderator: <i>Ian Miller — Executive Officer, ARCIA</i></p>		

4.30pm CONFERENCE CLOSES