

WEDNESDAY, 12 MAY 2021

**8.15AM REGISTRATION**

**PLENARY - INTELSAT THEATRE**

8.50am – 9.00am

Welcome and opening remarks: **Corey Weir** — Chairman, RFUANZ

9.00am – 9.30am

Plenary: Spectrum management update

**Len Starling** — Manager RSM Policy & Planning, Radio Spectrum Management

9.30am – 10.15am

Keynote: Will it work, won't it work? — A look at multi-site simulcast DMR network trial

**Neville Digby** — Senior Systems Engineer, Orion New Zealand

**Andrew Mackintosh** — Control Systems Engineer, Orion New Zealand

**10.15AM – 11.00AM MORNING BREAK**

**STREAM 1 - INTELSAT THEATRE**

11.00am – 11.30am

Seeing is believing: using edge computing and narrowband communications to enable advanced low-cost remote sensing

**Dylan Jorgensen** — CEO and Systems Engineer, Qamcom NZ

11.30am – Noon

The impact of Industry 4.0 and 5G on mission-critical communication networks

**Andrew Button** — Senior Account Director, Nokia Enterprise NZ

Noon – 12.30pm

Microwave and mmWave wireless backhaul

**Jonathan Brewer** — Consulting Engineer, Telco2 Limited

**RFUANZ AGM - MEETING ROOMS**

11.00am – 12.30pm

**RFUANZ AGM**

**12.30PM – 1.30PM LUNCH BREAK**

**STREAM 1 - INTELSAT THEATRE**

1.30pm – 2.00pm

Case study: Protecting marine VHF repeater sites from lightning in Fiordland National Park

**Allister Babington** — Managing Director, Advanced System Integration

2.00pm – 2.30pm

LTE for critical infrastructure: standards, requirements and deployments

**John Yaldwyn** — CTO, 4RF Ltd

2.30pm – 3.00pm

Big data integration. Using the power of GIS as an integration tool for spatial and non-spatial data

**Chris Stevens** — Managing Director, CartGIS Pty Ltd

**STREAM 2 - MEETING ROOMS**

1.30pm – 2.00pm

Spectrum management update – Operational

**Fadia Mudafar** — National Manager, Radio Spectrum Management

2.00pm – 3.00pm

Workshop: Pathway to Approved Radio Certifier

**Siegmund Wieser** — Principal Radio Engineer and

**Kevin Everitt** — Radio Spectrum Investigator, Radio Spectrum Management

**3.00PM – 3.30PM AFTERNOON BREAK**

**STREAM 1 - INTELSAT THEATRE**

3.30pm – 4.00pm

Case Study: How EA Networks deployed a DMR network to improve safety and reduce network downtime

**Myles Connew** — Operations Director, EA Networks

4.00pm – 4.30pm

Delivering high-throughput satellite connectivity for critical communications

**Robert Suber** — Managing Director, Intelsat Oceania

**STREAM 2 - MEETING ROOMS**

3.30pm – 4.30pm

Workshop: Pathway to Approved Radio Certifier

**Siegmund Wieser** — Principal Radio Engineer and

**Kevin Everitt** — Radio Spectrum Investigator, Radio Spectrum Management

**6.30PM – 11.30PM RFUANZ GALA DINNER & EXCELLENCE AWARDS**

THURSDAY, 13 MAY 2021

**8.15AM – 9.00AM REGISTRATION**

**PLENARY - INTELSAT THEATRE**

9.00am – 9.45am

Keynote: Smart EMS Solutions, US Perspective

**Drew Delaney** — Director of Business Development and Advisory Services for the Public Safety Network

9.45am – 10.15am

Plenary: How will New Zealanders stay connected in the future?

**Steve Lawrence** — Tribe Lead – Network Simplification, Spark New Zealand

**10.15AM – 11.00AM MORNING BREAK**

**STREAM 1 - INTELSAT THEATRE**

11.00am – 11.30am

Securing NZ Industrial Environments — an OT perspective  
**Peter Jackson** — Engineering Manager, Cyber, SGS ECL

11.30am – Noon

TVNZ's role in delivering critical communications  
**Wayne Huggard** — Transmission Services Manager, TVNZ

Noon – 12.30pm

IoT in the logistics industry — asset tracking and more  
**Shaun McBride** — NZ Operations Director, Thinxtra

**STREAM 2 - MEETING ROOMS**

11.00am – 11.30am

Tracing interference into land mobile VHF repeaters  
**David Walker** — Communications Technician, Apex Communications

11.30am – Noon

Introduction to segment routing and how it will simplify L3 transport network  
**David Hunt** — Senior Systems Engineer, Aviat Networks

Noon – 12.30pm

Overview of mission-critical push-to-talk deployment by the US First Responder Network Authority  
**Jeff Bratcher** — CTO First Responder Network Authority

**12.30PM – 1.30PM LUNCH BREAK**

**STREAM 1 - INTELSAT THEATRE**

1.30pm – 2.00pm

Wireless utility communications for a data-driven IoT-focused future  
**Paul Reid** — CEO, Mimomax Wireless

2.00pm – 2.30pm

Supporting New Zealand's SAR, Civil Defence, and other emergency services through expert volunteers  
**Don Robertson** — CEO, AREC

2.30pm – 3.00pm

Internet of Things: a role for wireless ISPS in rural IoT  
**Mike Smith** — Chairman, Wispa

**STREAM 2 - MEETING ROOMS**

1.30pm – 2.00pm

Mission-critical Communication industry standards, options and readiness  
**Pete Bains** — Technical Consulting, Bainz Consulting Ltd

2.00pm – 2.30pm

Essential 5G Field Tests  
**Lex Grubner** — Managing Director, RF Test Solutions

2.30pm – 3.00pm

Hybrid LMR/LTE Devices bring new life to the LMR Market  
**Hamish Duff** — Managing Director, Mastercom

**3.00PM – 3.30PM AFTERNOON BREAK – EXHIBITION CLOSE**

**CLOSING PANEL SESSION - INTELSAT THEATRE**

3.30pm – 4.30pm

Looking to the future: what is possible with the resources and available funding?

We often discuss what 'we would like to see' or what 'is technically possible'. But are these 'pie in the sky ideas'? These outcomes often are out of reach due to resources and funding. So what is it that we can reasonably expect to have available for our frontline services in New Zealand in 2030?

Moderator: **Chris Stevens** — Managing Director, CartGIS Pty Ltd

Panel members: **Corey Weir** — Chairman, RFUANZ, **Myles Connew** — Operations Director, EA Networks,

**Paul Reid** — CEO, Mimomax Wireless, **Hamish Duff** — Managing Director, Mastercom

**4.30PM CONFERENCE CLOSE**