

Saturday, 5 April 2025

Stay Safe & Keep Operational SES innovation with mobile assets

Facilitators:

Joel Spurway – Solution Architect

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Delivering innovative technologies
to improve operational
communications



Strategic Initiative within:
OUR CAPABILITY – Ensure our assets, facilities and resources
are fit for purpose and future ready to enable us to support our
members and communities



Acknowledgement Of Country

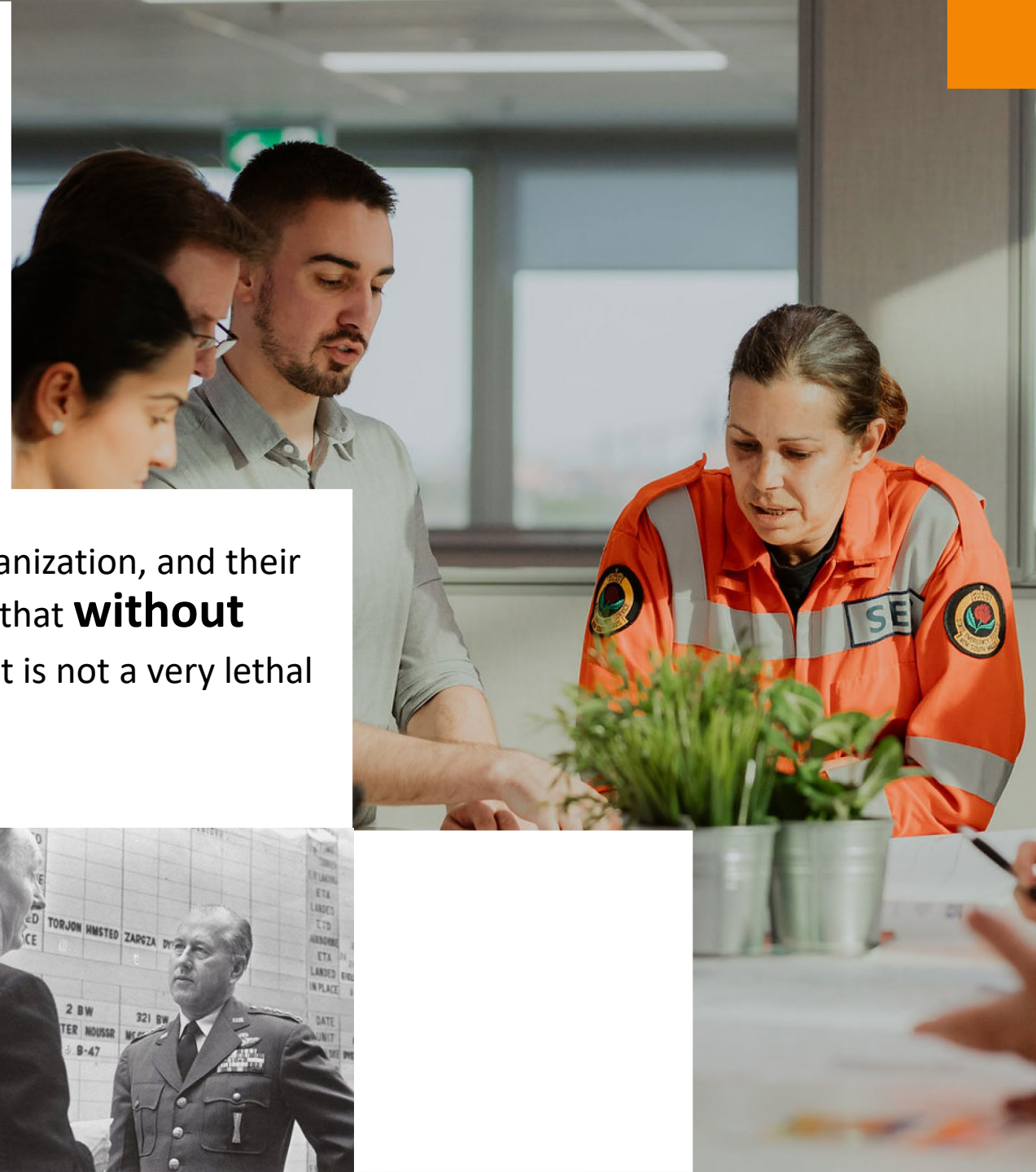


NSW SES acknowledges the Traditional Owners and Custodians of Country and Place throughout Australia and their continuing connection to land, waters, sky and community.

We pay our respects to all Aboriginal and Torres Strait Islander Peoples, histories and cultures, and to Elders past, present and emerging.

"Communications are the nervous system of the entire SAC organization, and their protection is therefore, of the greatest importance. I like to say that **without communications, all I control is my desk**, and that is not a very lethal weapon."

| *Gen. T.S. Power, CINCSAC, May 1959*





Agenda

- 01** Challenges in Operational Comms & Connectivity
- 02** SSKO Program and delivered projects
- 03** Mobile Incident Command Centre
- 04** Cell on Wheels
- 05** Q&A



Challenges in operational communications

NSW SES operates in many areas:

- Without internet, mobile phone, or Public Safety Network (PSN) coverage
- Where networks are damaged or overloaded during weather events and bushfires.

Reliable connectivity is essential for:

- Effective emergency response and management
- Enhancing operational efficiency
- Ensuring the safety and well-being of members and the community.





SSKO Strategy



Mobility

Ability to move assets, where and when needed



Continuity

Ensuring operational comms availability, anywhere, anytime



Safety

Enhancing member safety with real-time visibility and tools



Strategic Comms Assets – Delivered by SSKO

**Mobile Incident
Command Centre**



Cell on Wheels



Vehicle as a Node



**Smart Connect and
Location Services**



Forward Command Vehicle



Tactical Internet



Mobile Incident Command Centre (MICC)



Problem & Solution

Problem

Continuous operations when infrastructure is damaged or absent.

Flexibility in application of unique mobile asset.

Solution

Portable building, autonomous comms and power, flexible layout, air quality, multi-agency.



Video – MICC Tour



Cell on Wheels (CoW)



Problem & Solution – Cell on Wheels

Problem

Continuous operations when infrastructure is damaged or absent.

Accessibility to deployment location

Solution

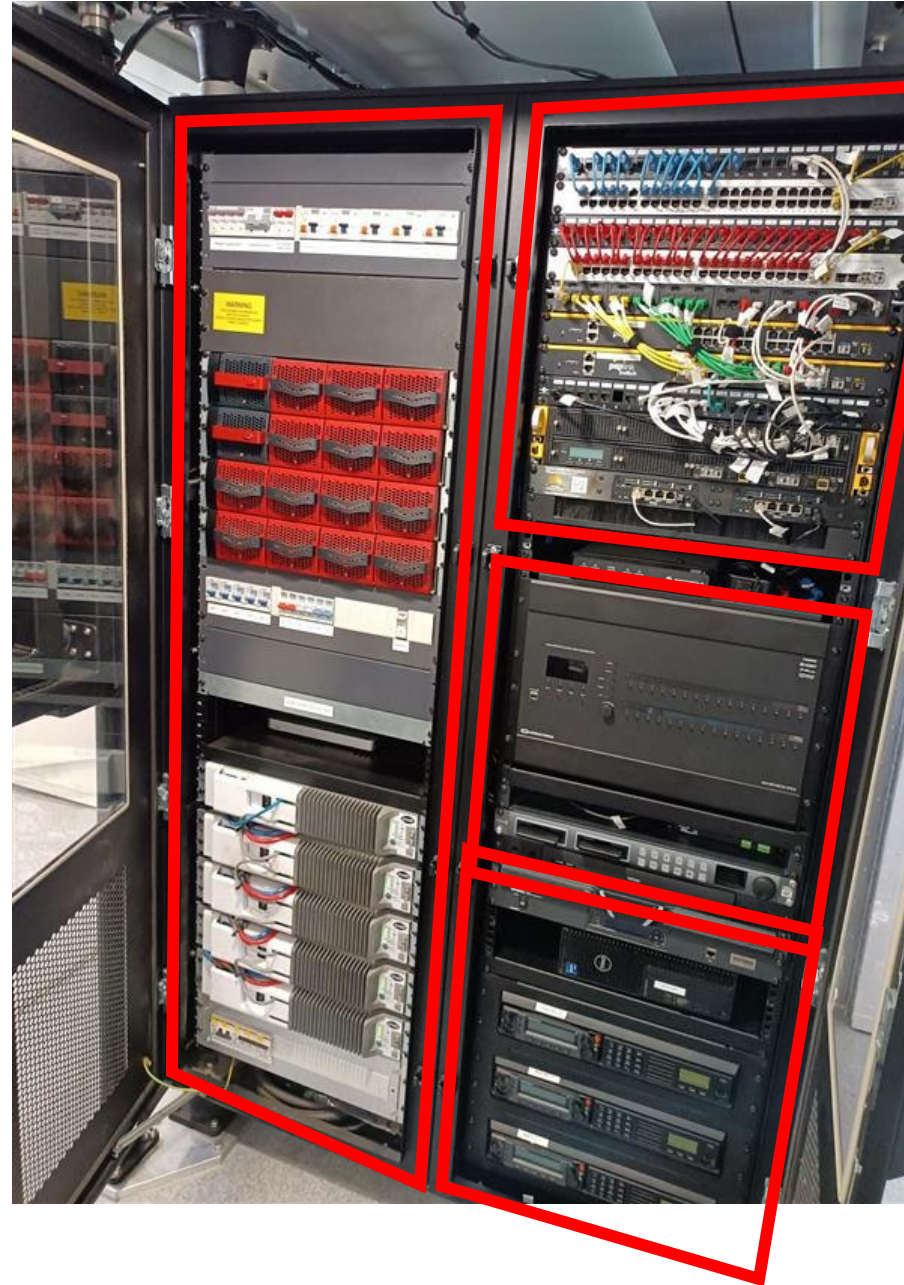
Robust modular solution, transport by land and air, radio coverage up to 40km range, suits alpine and hot arid areas of operation



Video – Cell on Wheels Tour



MICC ICT





Q&A



Thank you

