

Public Safety Solutions



Who are Public Safety Solutions?

Public Safety Solutions is a business unit within AGD

We provide management and oversight of mission critical systems used by South Australia's emergency and essential services.

- SA Computer Aided Dispatch (SACAD)
- SA Government Radio Network (SAGRN)
- Emergency Aviation

We work on behalf of the Minister for Emergency Services and Correctional Services

Every 000 call is handled using services provided by PSS.



SA Computer Aided Dispatch SACAD



SACAD

- Provides mission critical call receipt and dispatch systems for Triple Zero.
- One of the few systems to fully integrate all ESO agencies into a shared redundant system
- Paging dispatch is integrated with the SAGRN.
- Inter-CAD allows sharing of jobs between agencies.



Emergency Aviation



Emergency Aviation

PSS administers emergency aviation services used by SAPOL and SAAS for missions including:

SAAS

- Rescue, on land and at sea
- Aero-medical retrievals for critically ill patients
- Patient transfer from rural hospitals to Adelaide

SAPOL

- Search
- Proactive airborne patrols
- Patrol support
- Response to criminal activities
- Tactical response
- Counter terrorism operations

State Rescue Helicopter Service



- The State Rescue Helicopter Service provides helicopter services for SAAS and SAPOL
- 3 medical 1 police helicopter
- Contract ends in 2027, to be replaced by SPARAS

State Police Ambulance and Rescue Aviation Service



- New contract with new provider
- New helicopters plus spares
- New Aeroplanes replacing SAPOL and SAAS contracts.
- Aeroplanes commence 2026
- Helicopters commence 2027
- Constructing 2 New bases at Adelaide Airport



SA Government Radio Network SAGRN



SAGRN

- Mission critical voice and paging communications across the State
- One of the largest and most effective networks of its type
- Critical to emergency management in SA
- During emergencies, the GRN functional support group manages and reports on the SAGRN to the SEC.



OFFICIAL



SOUTH AUSTRALIA POLICE
KEEPING SA SAFE



South Australian
State Emergency Service



SA
Ambulance
Service

PRIMARY
INDUSTRIES
& REGIONS SA
PIRSA



National Parks
South Australia



Courts Administration Authority
of South Australia



ADELAIDE CONVENTION CENTRE



SA Water



ForestrySA



SA
Power
Networks



SAGRN Services

Voice communication

- P25 digital voice
- Interoperability
 - Inter-agency (CFS/MFS/SES)
- Inter-State

Paging

- SACAD
- Web portal
- Operator assist service
- SMS and e-mail

Emergency Operations Centres (Triple Zero)

- Consoles
- Logging
- Audio management

Narrowband Data

- Status messaging
- Location

Network overview

P25 TRUNKED VOICE
2 ZONES
2 GEO-DIVERSE
CORES EACH

FLEX 1600 PAGING
2 GEO-DIVERSE
PAGING CORES
2 PLANES IN EACH
CORE

TWO GEO-DIVERSE
INTERCONNECTION-
ZONES (DMZS)

DIVERSE FIBRE
NETWORK IN METRO
AREA

DIVERSE
MICROWAVE LINKS
TO MOST SITES

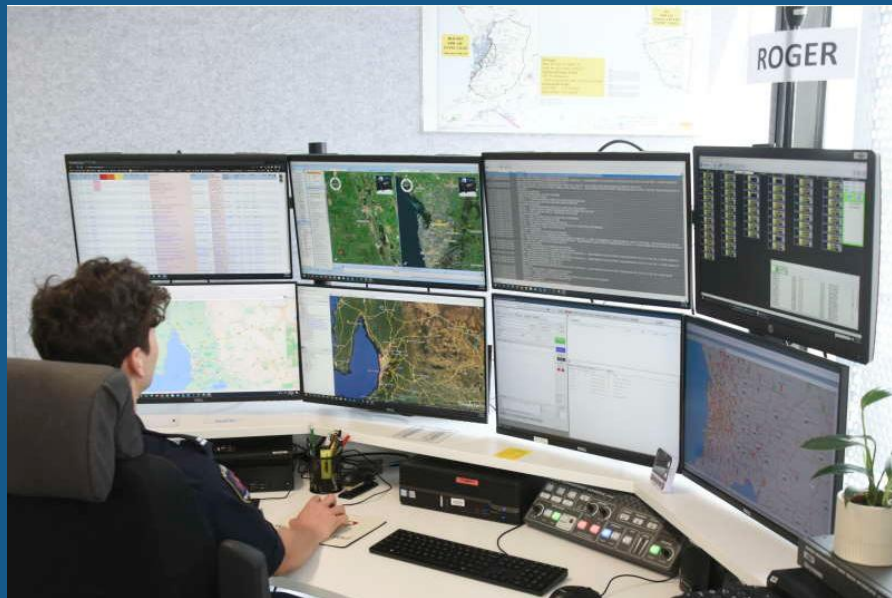
SATELLITE @
OODNADATTA WITH
MORE TO COME

ALL IP NETWORKING

Master Sites



Emergency Operation Centres



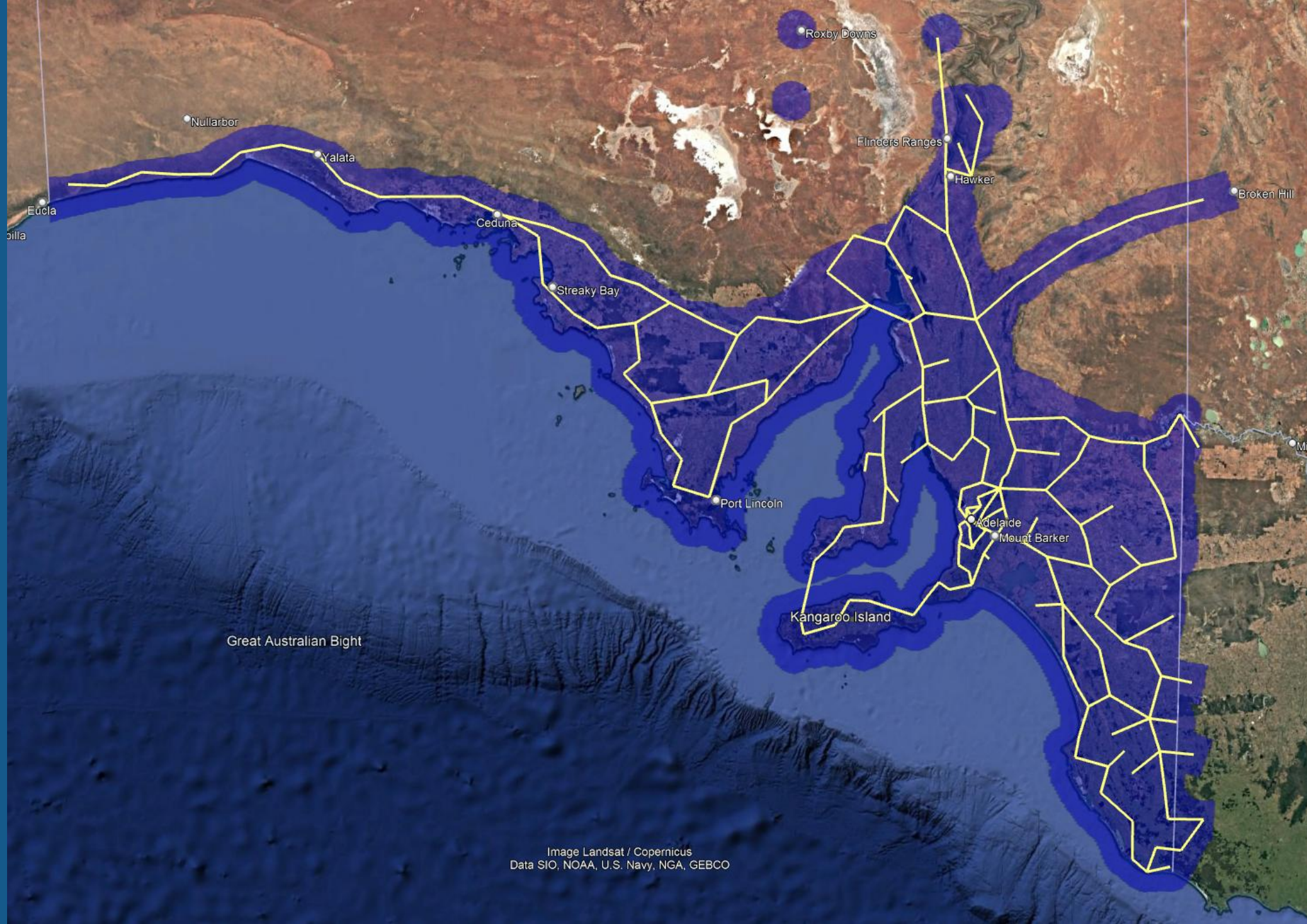


Image Landsat / Copernicus
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Radio Sites





Future.....

- Interstate interoperability
- Triple Zero Telephony
- Public Safety Mobile Broadband
- Mission critical push to talk
- Paging?

So you have a product or service



Outcomes

Focus on end user outcomes.

What is the operational relevance of your product or service?



Understand

Understand scale.

Understand what mission critical really means.



Leverage

Provide solutions that complement current technology and services.



Engage

Work with public safety solutions.

Questions



Save the App that could save your life.



emergencyplus.com.au

