

Case Study

Southern Ocean Lodge, Kangaroo Island SA

Ampac protects the Southern Ocean Lodge on Kangaroo Island in South Australia.

The Southern Ocean Lodge, located on Kangaroo Island, has been selected as the 'Best in Oceania' at the first Telegraph Hotel Awards.

The premium accommodation comprises of 19 lodges, a restaurant, a spa and two pools. It has been recently rebuilt after its destruction in 2020 due to bush fires.

The Challenge

The remoteness of the lodge was the biggest challenge of the project.

Location:	Kangaroo Island, South Australia
Sector:	Hotel
Products:	EvacUElite, FireFinder PLUS
Completed:	2023

The Solution

To protect the Southern Ocean Lodge, ELV Fire installed Ampac's **EvacUElite**, our new Emergency Warning Control and Indicating Equipment (EWCIE), integrated through a high-level interface with **FireFinder PLUS**, our reliable Fire Detection Control and Indicating Equipment (FDCIE).

The whole solution comprises:

- 7 loops
- 4 x 50W amplifiers
- 7 Loop Warden Intercom Points (WIPs)

The fire system is fully compliant with the latest Australian standards: AS 4428.16:2020 Grade 1, AS 4428.4:2016 & AS 7240.4:2018.

The site was fitted with the AS 7240-7 compliant **Soteria Optical/Heat Multisensor Detectors**, as per the architect's request.

The EvacUElite & FireFinder PLUS combination system offers the following features:

- **Highly flexible & user programmable:** both the EvacUElite and the FireFinder PLUS configuration tools are easy to use and ensure a full customisation of the system, to suit the site requirements.
- **Innovative Loop Warden Intercom Points:** the EvacUElite's Loop Warden Handsets and their innovative two wire design provide a Fault tolerant design. The use of Loop WIPs saves time and cabling costs compared to a radial configuration.

