

Satellite Mesh Access Point

The Satellite Mesh Access Point (Sat MAP) is a proprietary wireless access point developed specifically for use with USM's Personal Safety Monitoring System (PSMS). The access point is based on satellite technology, enabling connection and transmission of data for PSM devices working in remote locations.

Data packet upload settings are configurable to ensure hazard or incident reporting requirements and minimize low orbit satellite network connection costs.

The Sat MAP can be rapidly deployed into vehicles, vessels and plant equipment, giving organisations the ability to extend the range of their Personal Safety Monitoring (PSM) capabilities. The PSM is designed to make use of our mesh network and satellite technology, providing location sensing, communication and worker safety metrics in real time available in the Universal Data Interface (UDI).



Key features:

- Vehicle, vessel and equipment mounting for remote satellite connectivity and equipment tracking
- Configurable transmission and relay of PSM devices working remotely: location, gas, biometric data
- Satellite location tracking
- Up to 50 metres inter-access point mesh network connectivity
- Series and disbursed range extending of PSM data
- Connection to mesh network for high accuracy location sensing
- Emergency Text Messaging (EMT) to and from the UDI to PSM's in the field
- Automated network transitioning to priority networks; GSM, Mesh or Satellite
- Configurable data transmission settings to minimise Satellite connection costs

