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Case study - RockSTAR Remote Workers Safety System **The choice of the Outback professionals**

Service crew are deployed in isolated areas, as remote as only regional **Australia** can be. They cannot rely on communication facilities on the ground such as mobile phone (GSM) networks as coverage is nonexistent. Australia is an unforgiving continent. Extreme weather events are frequent and danger is always around the corner.

We provide **RockSTAR** units to a large number of remote workers across the globe. The RockSTAR provides accurate tracking, allowing HQ to know the last location of their team members, and also gives a secure and private means of communication from HQ to remote workers. **RockSTAR** comes with advanced alert features and a big red emergency button, as it's built with safety in mind.

Key Details

- GPS tracking
- Reliable communications
- Alert notification
- Long battery life
- Rugged equipment
- Powerful back-office interface
- Customisation
- Cost effectiveness
- Friendly support



In Depth

It's a tough life in the Outback – KRSP's (Kimberly Regional Service Provider) workers are out of GSM coverage for sometimes up to two weeks at the time. In all cases, they can only rely on the equipment they take with them. KRSP maintains electrical, water and sanitation infrastructure for Indigenous communities spread across a huge part of remote Western Australia, the Kimberly region.

This is where the RockSTAR is most useful. It provides vital communications to keep in touch with both HQ, and home. Position information is sent automatically from the unit, as regularly as every 30 seconds, or as infrequently as once every 12 hours. If the team at head office suspect their workers are in trouble they can remotely increase the transmission rate to get more frequent fixes.

The RockSTAR can also be used to communicate, sending short messages via e-mail and SMS to the office, and to loved ones. Some even use our Bluetooth link (via iPad/iPhone/Android) to comfortably write e-mail

Our units don't rely on any terrestrial service - if the mobile phone network is down, that's not a problem. As long as our devices can see the sky, then they will be able to transmit their position and message data back home. That means they are reliable and dependable, regardless of weather conditions and access to electricity. The RockSTAR battery endurance will allow up to 2000 transmissions with a single charge.

It's cost effective too. KRSP have a stock of RockSTARs, but that doesn't mean they are always in use. With our service, you just pay for what you use, minimum commitment is one month. Before the start of the trip HQ activate the line rental for the unit for a month or more. When the units are sat on the shelf in the store-room, you don't pay anything. Any credits left over from one deployment will still be there when the unit is activated next time, on its next trip. Credits never expire.



Back at the head office, the customer uses The CORE to monitor the positions of all their workers.

In the case of an emergency, the RockSTAR unit can be used to alert HQ, using either the dedicated red button, or alternatively the messaging facilities to indicate the type of alert, and any other relevant details.



- Up to 3 month battery life, transmitting every hour
- Rechargeable in the field using standard USB options
- Portable, can be also vehicle mounted
- Two-way messaging between remote worker and HQ
- Access to 'The CORE' for management across all deployed workers
- Various alert options including red button, timer alert, dead man's switch etc.
- Pay only when the units are being used, no annual contracts

In summary, the RockSTAR is a private and reliable means of communication and tracking between the remote worker and HQ. It's pay-as-you-go service is cost effective, requiring no annual contracts.

For more informations visit: www.g-layer.com.au/rockstar/



Introducing G-layer

G-Layer is a supplier and importer for YellowBrick and Rock7 location technology in the Australia Pacific region. We are also an authorised TC communication dealer.

We specialise in providing solutions for data, communications and automated tracking in difficult environments to the far corners of the globe.

We draw on our decades of experience in connecting remote areas with the rest of the world. We have worked with some of the world's largest Non Government Organisations (NGO) in the most remote places on earth, including: Antarctica, the Amazon rainforest, the North pole and the Himalaya chain.

All this extensive experience has contributed to making G-layer the go-to solution for challenging field expeditions, news gathering, equipment installation, asset tracking and custom electronic constructions.

Our core values

G-Layer is an Australian registered business (ABN 69161615115), offering high quality services to NGOs, Companies and individuals. G-Layer respects the human rights and the culture of any ethnic group.

G-Layer is also committed to doing our bit for the environment as our work shop is totally powered by solar panels and the website is designed and maintain by Tjiltjapuna Web Designs who is an Accredited 100% Green Renewable Power user.