



FROM RUGGED TERRAIN  
TO TUMULTUOUS OCEANS,  
**WHEN AND WHERE YOU  
NEED GEO-REMOTE  
CONNECTIVITY**







Geo-remote connectivity is crucial to the successful operation of thousands of remote and offshore businesses and projects. By using geo-remote connectivity, a fisherman onboard a boat in the Pacific Ocean or a miner in the midst of the Pilbara desert can access key information and make contact without issue.



For those of us working in a metropolitan CBD office this access connection is easily achieved. However challenging and isolated outposts and worksites do not have the same supporting IT infrastructure and require a special connection solution via a satellite (geo-remote connectivity) to provide the necessary access and connectivity.

The output of geo-remote connectivity should mirror that of a standard connection experience where coverage and network range is not an issue. However, it is not just about accessing internet.

## GEO-REMOTE CONNECTIVITY ALSO PROVIDES:

-  CONNECTIVITY TO YOUR OFFICE HEADQUARTERS
-  ACCESS TO ALL YOUR CORPORATE APPLICATIONS
-  ROAMING SERVICE FOR MOBILE PHONE COVERAGE
-  STREAMING CAPABILITIES
-  VIDEO CONFERENCE CAPABILITIES

How is this possible? Geo-remote connectivity relies on a satellite connection. In the case of Orion, the satellite has a range footprint that stretches across half of the globe, from Japan to West Africa. Within this area, the Orion satellite can connect anyone and provide them the geo-remote connectivity needed to enable their business and keep their staff connected with loved ones.

Orion have been providing geo-remote connectivity to Australian businesses for 18 years. In this time, the Orion satellite has connected 1,000s of businesses. In this guide, we will provide an overview of geo-remote connectivity and how to get connected.

# WHO NEEDS GEO-REMOTE CONNECTIVITY?

Anyone requiring connection in a challenging or remote environment needs geo-remote connectivity. This can include any business but the most frequent organisations requiring the service include:



## GOVERNMENT

- EMERGENCY SERVICES
- AGRICULTURE
- MINING GAS AND OIL
- TELCO
- MARITIME SERVICES



## NGO



## ENVIRONMENTAL



## UTILITIES



## MEDIA & BROADCAST

There are many reasons why a business might require connection. In the case of remote worksites, it is often an OH&S requirement for active sites to provide a connection for staff to maintain their health and wellbeing.

For some organisations including transport providers, the connection is needed to provide or improve customer experience. In today's digital era there is an expectation that internet should be provided wherever you are and whenever you need it.

Other organisations including government departments require connection to access and record information, files and data.

In 2020, geography and environment should not impact an organisation's ability to secure the connection needed to enable business operations. Orion have provided geo-remote connectivity across the country and beyond including the following areas.

# WHAT DOES THE PROCESS OF GETTING CONNECTED INVOLVE?

Having identified that your organisation requires geo-remote connectivity, the next step is to begin the process of implementing the connection. This is typically done via the following steps:

**Step 1:** Contact Orion to discuss your project requirements with an experienced Solutions Manager. Providing detailed service and support requirements including any specific SLAs will allow Orion to understand the situation and propose the most suitable solution.

**Step 2:** The Solution Manager will liaise with Orion Engineers to scope the project and identify the solution to meet your requirements. The Engineers will also provide a refined timeline based on the work involved.

**Step 3:** Orion will provide a formal solution proposal for review and acceptance. Once the proposal is accepted, Orion will begin service delivery with one of our solution experts.

**Step 4:** With service delivery underway, Orion will begin sourcing the necessary equipment required to enable geo-remote connectivity.

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*Different sites require different technology to access geo-remote connectivity. Some simple projects require minimal hardware whilst more complex project sites, such as a ship, may require specialised hardware to access the connection. These variables will have an impact on the budget and delivery timeline of implementing your geo-remote connection.*

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**Step 5:** With your solution delivered and installed, Orion engineers can activate the geo-remote connection.

**Step 6:** Once the geo-remote connection is active, the Orion team will assume a monitoring and support role based on the agreed SLAs.

**Step 7:** Your Solutions Manager will continue to be your contact throughout. They will provide ongoing support and reporting based upon your SLAs.

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*How long does the process take? Connection timeframes depend on certain variables but can be completed in less than a month. More complex solutions that require special hardware can take up to eight weeks. Engineers will provide a clear timeline as part of any formal solutions proposal.*

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# GEO-REMOTE CONNECTIVITY IS A CRUCIAL COST

Geo-remote connectivity is crucial for business continuity and to comply with OH&S standards. This is not a cost that can be cut when managing budgets as it could impact how your business achieves production and operational goals. Implementing a reliable and high-speed connection should be considered as part of the planning process for any remote or isolated worksite. Connectivity is also essential for many large scale, costly critical business machines and applications and can sometimes incur a very sizable cost or voiding of a warranty if a reliable connection is not established while they are being used.

If costs are a concern, ensure you seek out a flexible solution which will allow you to only pay for the service and connection you need, as opposed to fixed term, off the shelf plans.

Orion is an infrastructure owner operator. This means that Orion owns the satellite and does not have to buy the satellite connection from a third-party provider. This allows Orion to offer a complete, end to end service which is high quality, fast, and is reliable. It also means that from the solution assessment, to implementation and ongoing management end-to end, one company is managing the process and client which is often not always the case with other providers.



## WHY CHOOSE ORION?

Orion is one of only two infrastructure owner operators in Australia and New Zealand and the only provider whose primary business focus is on satellite solutions. As part of the IPA Group, we have \$3.5 billion dollars of assets that provide critical connectivity without borders to thousands of Australian and New Zealand businesses over the past 18 years.

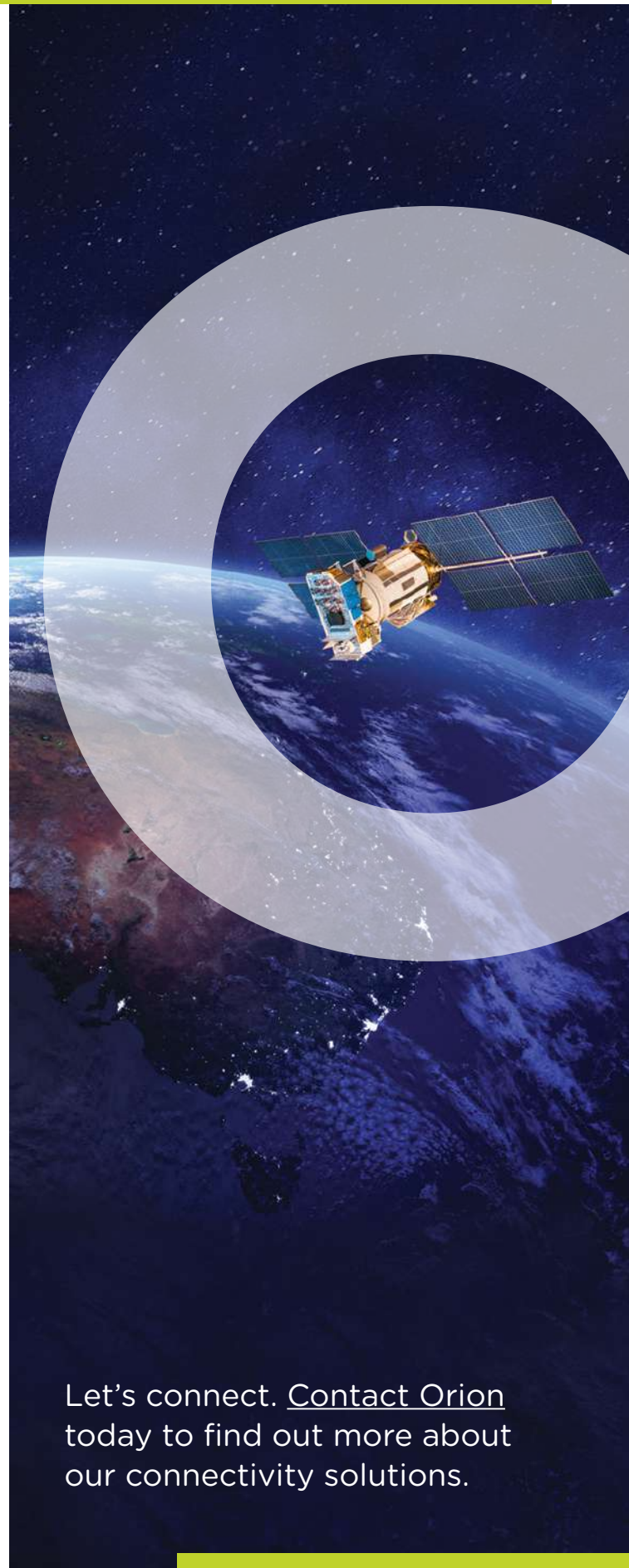
Our satellite has a footprint that stretches across half of the globe, from Japan to West Africa. Within this area, the Orion satellite can connect anyone and provide them the connectivity needed to enable their business operations.

Orion offers a holistic, end-to-end, geo-remote connectivity solution that can be customised based on a customer's specific needs. Our staff are reliable and relatable and ensure that the best solution is put forward which is tailored for each client based on their specific situation.

At Orion, we have helped thousands of businesses to get connected and stay connected when it matters most.

*The fact that Orion are willing to be flexible when needed, meant they really took the time to understand our needs. Their staff are thorough and efficient, and the connectivity service is almost too good to be true,"*

**- Simon Pearce, CIO,  
Spirit of Tasmania.**



Let's connect. [Contact Orion](#) today to find out more about our connectivity solutions.



## NEXT STEPS

## LET'S CONNECT

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