An aerial night view of a city with a semi-transparent text box. The image shows a dense urban landscape with numerous skyscrapers and buildings, many of which are illuminated with various colors like blue, yellow, and red. The streets are visible, with some traffic lights and cars. The text box is a dark, semi-transparent rectangle centered in the upper half of the image, containing the question "Which Satellite Network is best for me?".

Which Satellite Network  
is best for me?

SkyNet Satellite Communications

# Which Satellite Network is best for me?

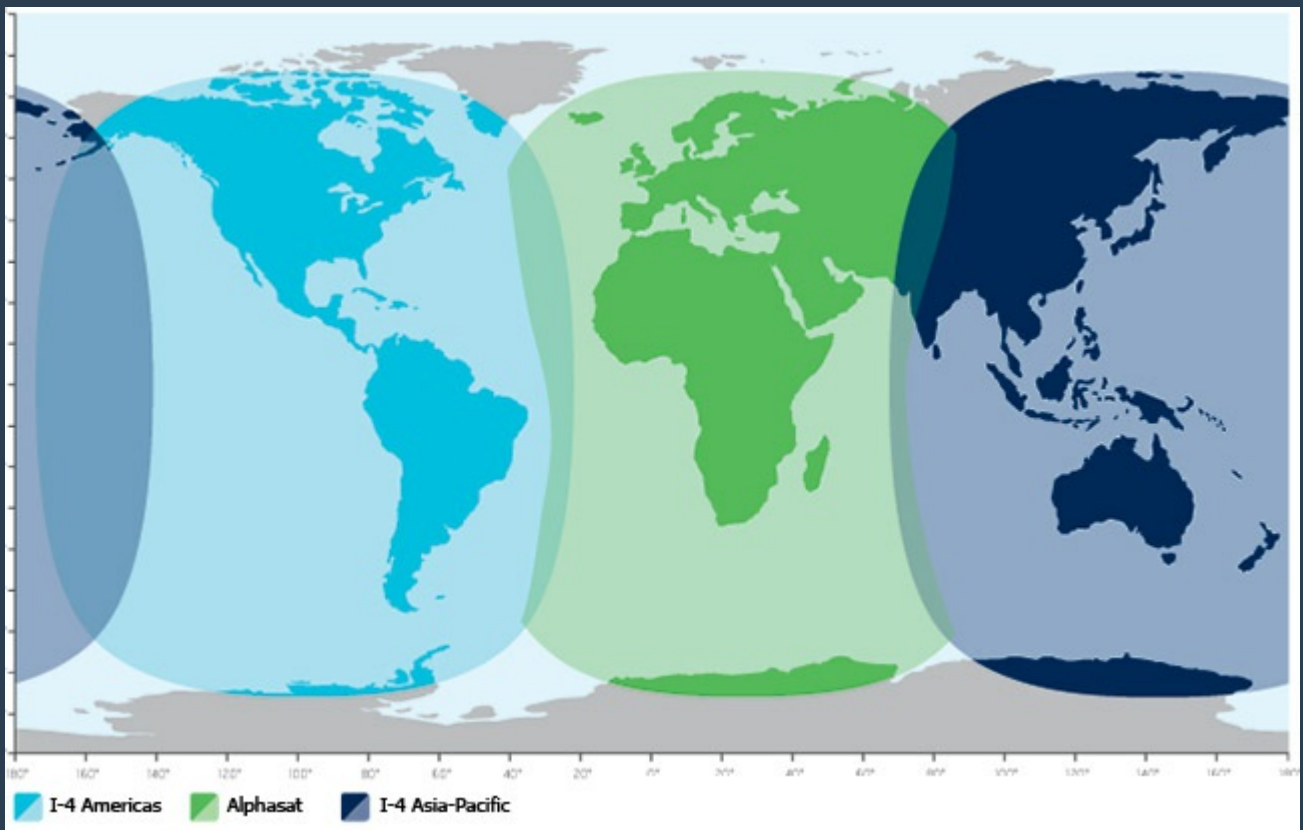
This is a question we get asked a lot for groups requiring remote communications for their teams - this ebook will give you a brief overview...

There is no one-answer, rather you need to delve a little deeper into your business requirement for satellite connectivity is in the first place. Do you need Voice Comms? Do you need Tracking capability? Does Internet connectivity become a requirement for your applications?

As all satellite networks have a footprint, you will need to determine where your team operate geographically (*another key consideration is whether you may be breaking any laws using satellite in certain countries*). Some will work perfectly well on larger land masses, however struggle over coastal fringes or oceanic regions.

Others will have 100% global coverage, however may not be able to support all your data needs. Below are 4 of the main Commercial Satellite Network Providers with their coverage maps and some key features and benefits...

# Which Satellite Network is best for me?



## 1. Inmarsat

Of their 11 Satellites in orbit, the I-4 fleet support a large portion of the L-Band communications for Inmarsat. These 3 satellites are in geosynchronous orbit with the Earth so will always be in the same position in the sky. Some of their key applications:

- Voice (Satellite Phones)
- Broadband & VSAT
- M2M, SCADA & Telemetry

# Which Satellite Network is best for me?

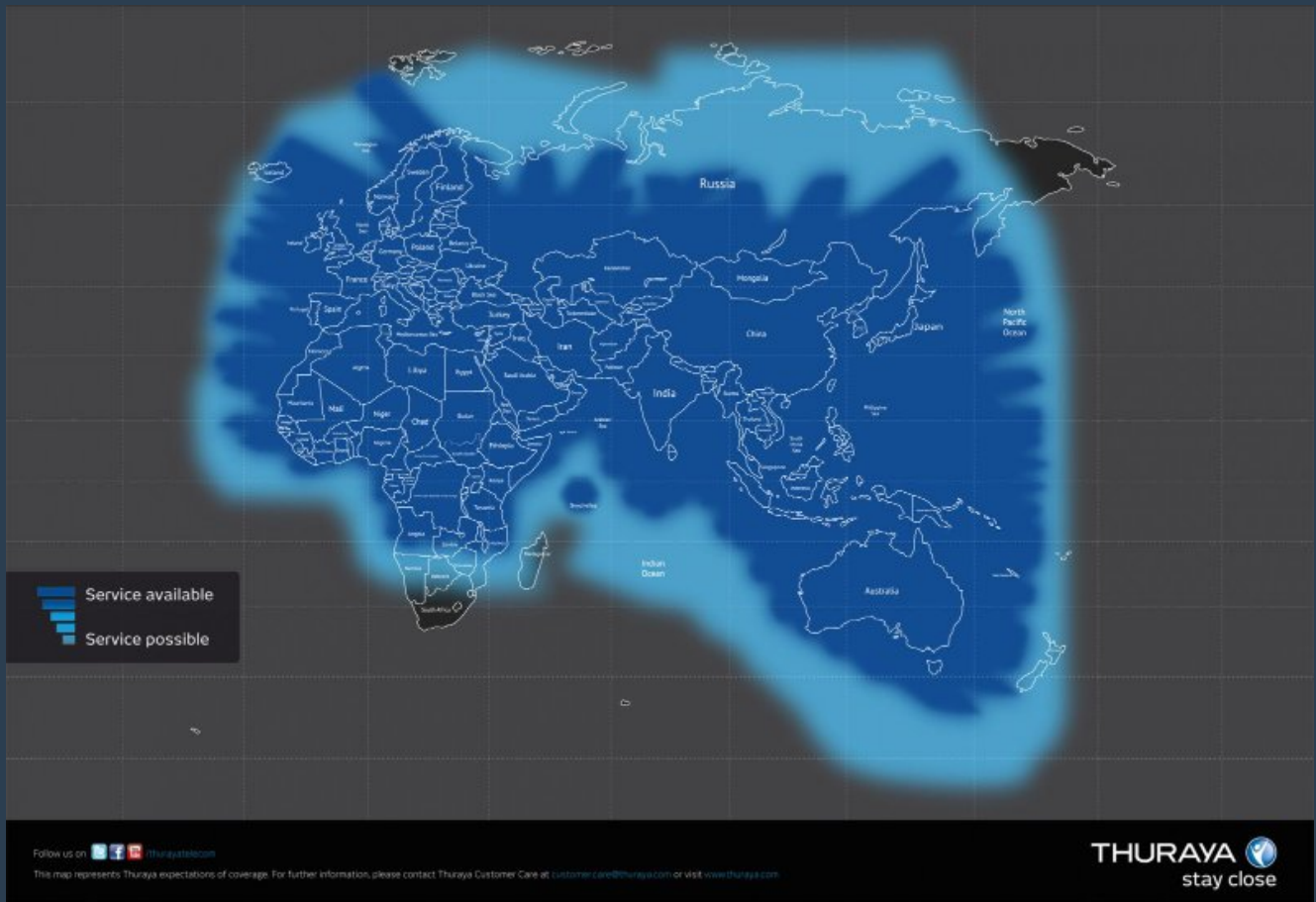


## 2. Iridium

The Iridium constellation offers 100% global coverage with 66 low-Earth orbiting (LEO) cross-linked satellites. They move from pole-to-pole (approximately 11 minutes from horizon-to-horizon) and operate as a fully meshed network that is supported by multiple in-orbit spares. Some of their key applications:

- Voice (Satellite Phones)
- Broadband
- M2M & Telemetry

# Which Satellite Network is best for me?

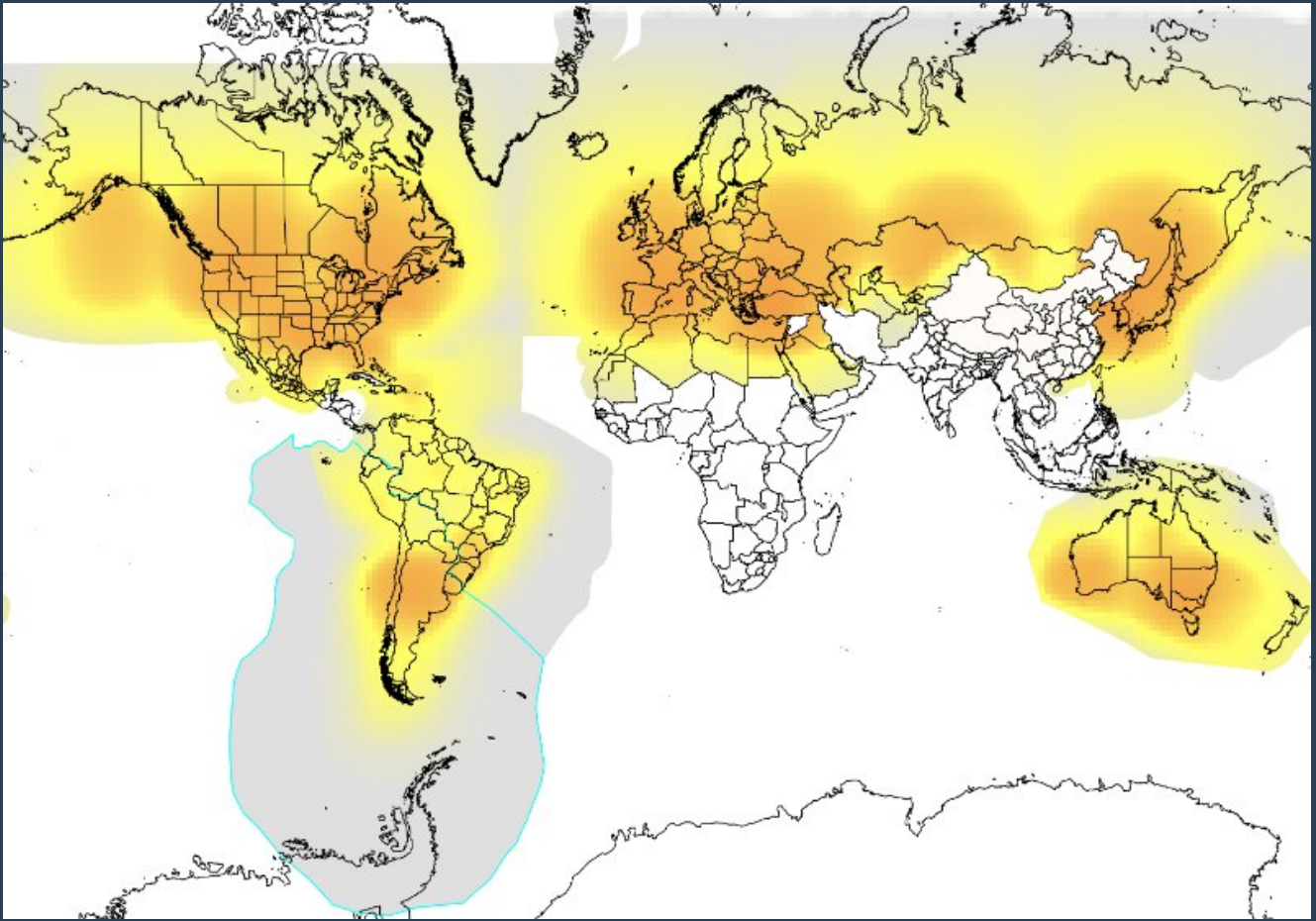


## 3. Thuraya

Thuraya is based in UAE and operates two commercial satellites built by Boeing, both in geosynchronous orbit. They also sell a dual mode satellite with both GSM and satellite capabilities through a roaming partner agreement. They supply products for:

- Voice (Satellite Phones)
- Broadband
- M2M

# Which Satellite Network is best for me?



## 4. Globalstar

Globalstar have two main satellite streams - Simplex (pictured) for one-way data used with their SPOT Tracker product and Duplex for two-way data and voice services.

- Voice (Satellite Phones)
- M2M & SCADA
- Data Services

*If you need any additional information on products or services, please contact us on +617 3860 5511 or [sales@skynetsatcom.com](mailto:sales@skynetsatcom.com)*