OneWeb

ISAT AFRICA

OneWeb: The Global Connectivity Solution for Government Customers.

An Evolving Defence and Security

Today, governments, agen cies and departments must be suitably equ ipped to handle an increasing number of tasks, often conducted in complex and diverse operating environments.

These can include military operations against highl y capable peer adversaries in contested envir onments through to emergenc y response mission s in some of the most i solated areas of the World.

Wherever they operate, armed forces demand optimal levels in situation awareness and command & control (C2) to successfully plan missions; develop innovative concepts of operation; and integrate with national and international partners.

The OneWeb Solution

Critical to any mission or task are rapidly deployable communication networks which provide governments with Beyond Line of Sight connectivity in contested arenas as well as the most remote regions of the World.

OneWeb's Global Connectivity Platform is ideally suited to supporting operations anywhere in the World, at anytime.

Providing end users with an "ecosystem" of solutions, OneWeb enables a truly multi-domain capability to satisfy the most critical communications requirements.

OneWeb's global constellation of LEO satellites is supported by an eco-system of ground gateways, user terminals and software services, providing governments with secure voice and data communications.

This not only provides end users with robust, resilient and flexible levels in connectivity where it matters most, it also enhances situation awareness and C2 in addition to streamlining decision-making processes.

Use Cases include:

- First Responders
- Humanitarian Aid/Disaster Relief
- Search and Rescue
- Peacekeeping Support
- Homeland Security
- Maritime Surveillance

The first phase of OneWeb's Global Connectivty Platform- providing coverage across North America, Europe and the Arctic- went live in November 2021.

SNPs and POPs will be extended to South India as part of Phase 2 in Q4 2023 as OneWeb enables global coverage with the exception of China and Russia.

Advantages include:

- Global Roaming
- Real-time C2
- Latency as low as <70ms
- High speed communications on-the-move
- High throughput (more than <100mbps)
- Multi domain terminals to be presented throughout 2023
- Low electromagnetic signature
- Competitive costs

ISAT AFRICA offers
- Enterprise Connectivity
- Rural Solutions
- Broadcasting Solutions
- Cellular Backhaul

UAE

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