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Seamless Frequency Band Transition

The Scarab terminal features the revolutionary Holkirk Quick Change Cartridge System, which allows users to switch between frequency bands (X-band, Ku-band, and Ka-band) with unprecedented ease. This modular design means cartridges can be swapped out in moments without tools or technical expertise, ensuring your communication systems are adaptable to any mission requirement.

Tracking Non-GEO Satellites

The Scarab terminal is engineered to track non-geostationary (non-GEO) satellite orbits, such as inclined orbit and MEO (Medium Earth Orbit), which are becoming increasingly important for high-throughput and low-latency communications. The terminal's advanced tracking capabilities ensure a stable and reliable connection even with satellites that move rapidly across the sky.

User-Friendly Operation

Designed with the end-user in mind, the Scarab terminal's intuitive interface allows for quick setup and operation. Its portability and ease of use make it an ideal choice for field deployments, emergency response teams, and mobile command centres.

Control

The Scarab can be equipped with the Holkirk AIM MOBILE for seamless operation in Tri-Band operation with auto-sensing frequency band, 30 satellite database, BUC/TWT integrated M&C and graphical user interface.

Integration

The Scarab can form the heart of a secure communication network. With off-air monitoring, RF over fibre links and ruggedised electronics for LEO GEO MEO satellite applications.

Applications

Tri-Band secure communications

Non-GEO orbit tracking

Inclined orbit tracking

- X, Ku and Ka-Band
- GEO / MEO / LEO
- 60 / 80cm / 1.0m reflector
- Lightweight, high power
- Weatherproof complete system
- Up to 100W terminal power
- No-tools assembly
- Single soft-case unit
- Auto-Pointing with GPS
- Fine adjustments on all axis