

Multi-Orbit Tactical Terminal (MOTT)



Resilient Multi-Orbit Blended Connectivity in One Ruggedized Terminal

For Broadband Communications on the Move (COTM)

Intelsat's Multi-orbit Tactical Terminal (MOTT) is a ruggedized vehicle mountable terminal that auto-blends bandwidth to/from geostationary satellite (GEO), Low-Earth Orbit (LEO), and in the future, Medium Earth Orbit (MEO) satellite networks, with terrestrial networks for high-performance, end-to-end no-fail connectivity.

Open Standards-based Terminal

MOTT adheres to open standards 3GPP and DIFI, making it interoperable with existing hardware.

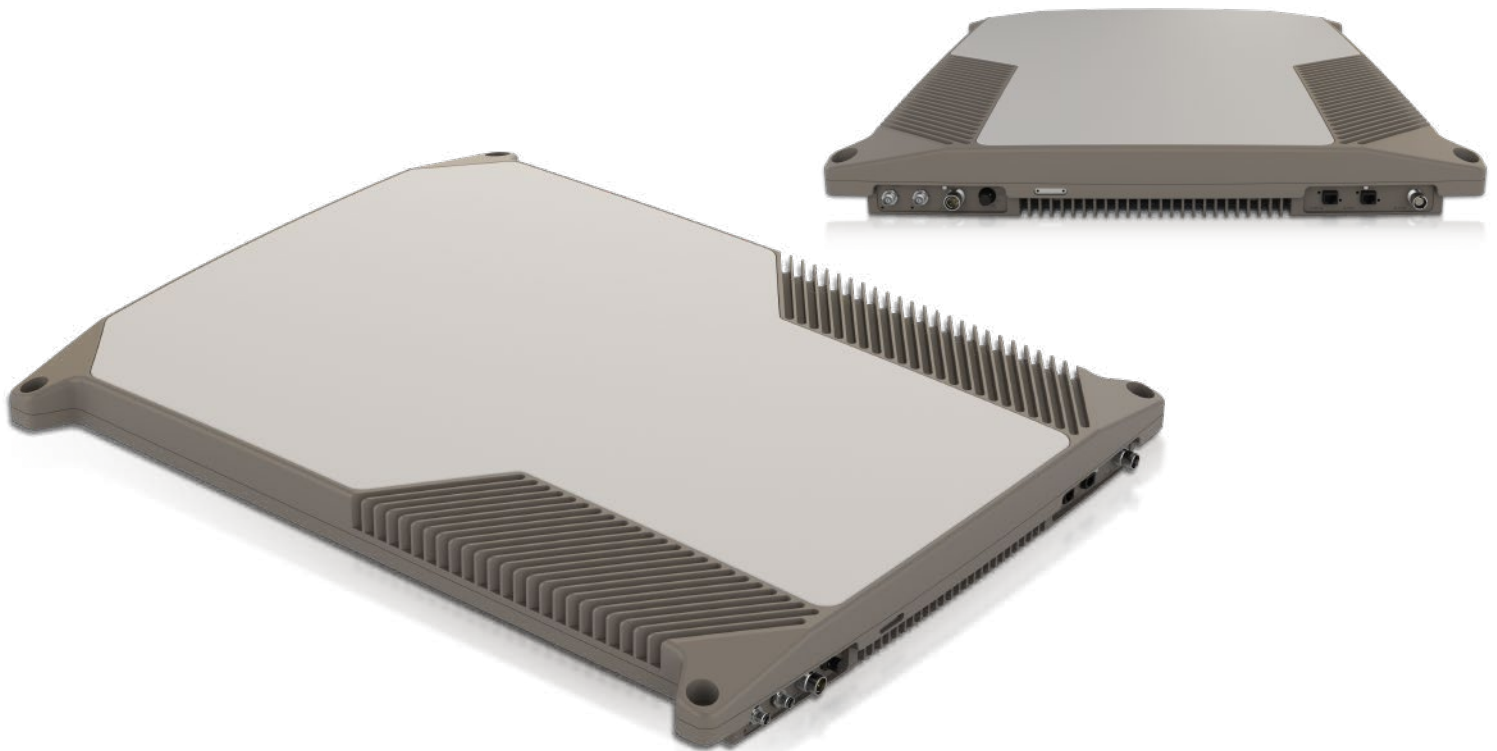
FlexMove & FlexAir Qualified

MOTT is an Intelsat Qualified terminal highly tuned for peak performance, availability, and resiliency on the Intelsat Flex network. Because it is based on open standards, it is vendor and service provider agnostic.

Benefits At-A-Glance

- » Single, portable ruggedized terminal works in congested and contested environments
- » Roam globally for secure, path diverse communications on the move
- » Easy to setup, operate and train service members on
- » Eliminate racks of legacy equipment in aircraft, vehicles, and on the ground
- » No-fail resilient multi-layered network
- » Lower costs for terminal lifecycle and airtime
- » Works with existing Army communications SATCOM equipment





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Features-at-a-Glance

- One lightweight, low profile electronically steered array antenna (ESA) with multi-orbit capabilities
- Open standards-based plug and play terminal routes network traffic seamlessly between LEO, MEO (future), and GEO satellite orbits
- Auto-path diversity for resilient command, control, and communications
- Separate communication path for setup, monitoring, troubleshooting
- Digitized RF and virtualized modems add cybersecurity and anti-jamming
- Multi-modem and edge compute capabilities
- Simple to add new virtual waveforms and modems (L-band)
- Smart blending technology makes ASPACE transparent to operators
- Unified service and network management control via cloud
- Integrated compute platform supports cybersecurity applications

Contact Sales

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