

# Strong Partnerships **Power Intelsat FlexMove**

Ubiquitous, always-on, high-throughput communications  
for connected mobility



## Meeting the Demands of a World on the Go

As the world's first high-throughput satellite (HTS) service for land mobility and communications-on-the-move (COTM) use cases, Intelsat FlexMove enables global, resilient, on-demand connectivity – even in the most remote and hard to reach locations. FlexMove offers the perfect mix of flat panel terminals, flexible, cost-effective data packages and global reach.

## What Can End-users Expect?

- Unlock new capabilities and operational efficiencies through a global, scalable connectivity solution
- A redundant and survivable network for mission-critical, data-intensive applications
- Seamless integration with existing terrestrial networks
- Data rates up to 20x higher than legacy L-band solutions for a fraction of the cost
- Flexible service plans sold by the gigabyte with cost-effective service and hardware bundle options
- Delivered over a communications network held to the highest security standards

## Connecting a World in Constant Motion

We live in a world that never stops moving. Our need to remain connected goes wherever we go. Today, it's not a question of, "Do you need satellite connectivity?" The question is, "**Which satellite solution is best for your evolving needs?**"

## A Strong Partnership Built on Innovation

When **Intelsat, Kymeta and ST Engineering iDirect** partnered to deliver Intelsat's FlexMove service, our aim was clear – to ensure the seamless combination of our strengths deliver the ultimate service to land mobility end-customers.

FlexMove: industry-leading convenience and scalability, empowering organizations to never again lose reach or operational visibility.

This next generation platform dynamically manages capacity across the **award-winning Intelsat Epic HTS fleet** and the world's largest wide-beam satellite constellation. The layers of capacity provide the added resiliency and reliability needed to deliver real customer value.

FlexMove relies on the **Velocity platform from ST Engineering iDirect**. Velocity is an IP-based satellite communications system, specifically designed for HTS operators deploying managed services who require massive scale and advanced mobility. This combination of network, modem and management capabilities enables Intelsat to offer a managed service to their Solutions Partners who, in turn, can convey simple-to-use solutions to their end-customers. The core hardware and software technology are designed for:



Superior bandwidth management flexibility without the complexity inherent with HTS networks



Provision, assign and manage subscriptions, and monitor service in real time



Mobility features optimized around fast beam switching across multiple-spot beams

**This unique infrastructure combination provides the most competitive Quality of Experience (QoE) to a range of mobility sectors.**

## To round out this partnership-based solution, Intelsat selected the Kymeta™ u8 terminal to deliver the FlexMove COTM service.

The u8 is transforming the way people on the move connect, making high-speed, ubiquitous, always-on communications easier and more reliable than ever. The terminal is easy to install, making satellite connectivity simple by eliminating the need for in-depth technical training on installation, setup, commissioning and service provisioning. It also features electronic steering for low maintenance.



By working together and combining their respective expertise, Intelsat, ST Engineering iDirect and Kymeta offer a ready-to-use solution for Solutions Partners who can easily customize and enhance it with their value-added services.

## Serving Land Mobility Requirements More Effectively



### First Responders | Emergency Preparedness

For emergency teams such as police, fire and ambulance departments, FlexMove enables critical applications for situational awareness and coordination of an emergency response, including:

- Mobile Wi-Fi hotspot capabilities
- Advanced team connectivity to evaluate needs
- Logistics facilitation for remote and mobile response teams
- Rapid data transmission of medical records to improve response times
- Telemedicine platforms for remote specialist support
- Real-time high-resolution video streaming from any location



### Non-Governmental Organizations (NGOs)

Whether an agency is deployed to an earthquake, a flood, or a global pandemic, FlexMove connects centralized support services to teams in the field to provide immediate access to reliable, efficient connectivity, including:

- Two-way video streaming, video surveillance and real-time data transmission
- Connectivity in rural and heavy urban (dense network) geographies
- Enterprise continuity as well as field and team member well-being
- Secure and reliable connectivity for mobile offices and command centers



### Freight | Rail

With the digital transformation of global supply chains in full swing, FlexMove's satellite-based solution is at the forefront of seamlessly integrated hybrid networks that take over when terrestrial networks fail to:

- Support video streaming and other bandwidth-heavy applications
- Track movements in real time to optimize traffic control
- Decrease downtime and establish better maintenance schedules through remote monitoring
- Assure freight security and transparency

## The Right Combination for Success

By leveraging the strengths of this trusted, best-in-class partnership, Intelsat is successfully delivering this advanced and intelligent services to its Solutions Partners and their end-customers.





FlexMove delivers unique value through Intelsat's global, high-performing multi-layered satellite network. This fully integrated service dynamically manages capacity and resources while delivering a seamless, reliable user experience.

The Kymeta Ku-band terminal makes high-speed communications easier and more reliable than ever by eliminating the need for in-depth technical training on installations, setup, commissioning, and service provisioning.

FlexMove's managed service offering is powered by ST Engineering iDirect's Velocity platform. Velocity's network management, modem, and management capabilities are designed for HTS scale and advanced mobility.

# FlexMove

Intelsat FlexMove provides a breakthrough in speed, reliability and flexibility for communications-on-the-move (COTM) users - even in the most remote and hard-to-reach locations.

## FREIGHT | RAIL

Optimize Traffic  
Real Time Visibility  
Predictive Maintenance

## OIL & GAS | EXPLORATION

Centralized Response  
Situational Awareness  
Fleet & Asset Management

## FIRST RESPONDERS

Connected Mobility  
Remote Surveillance  
Crew Safety And Security