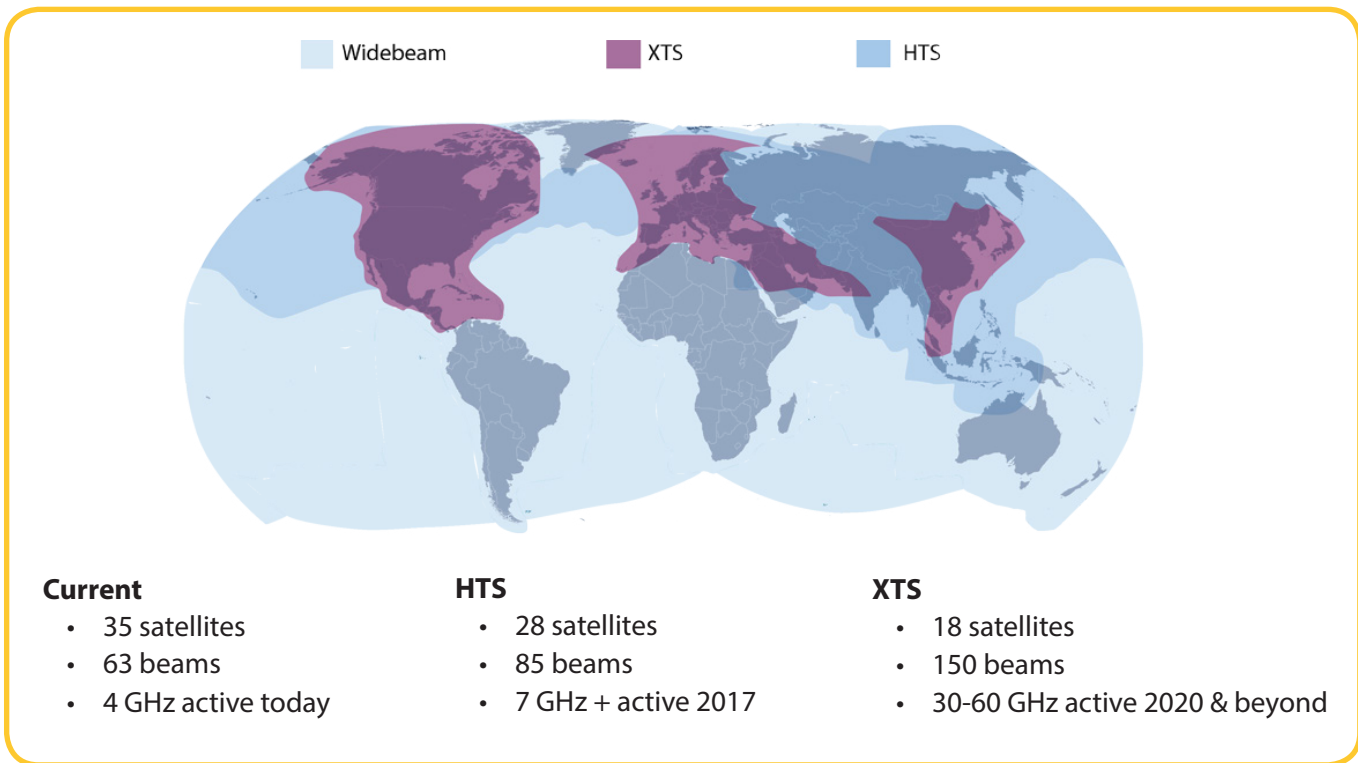


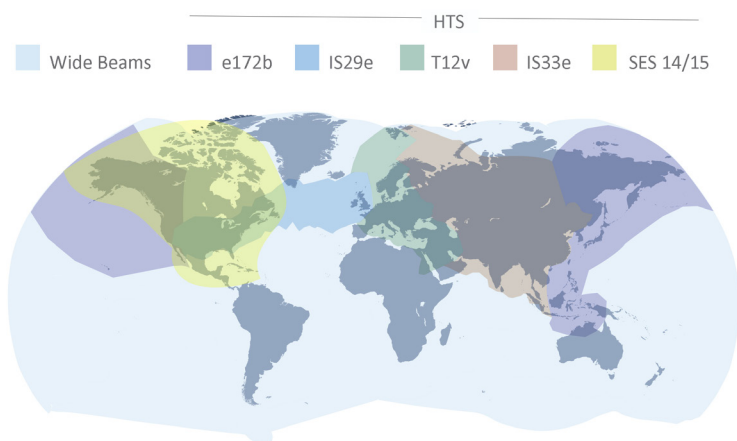
BOUNDLESS BROADBAND ON THE WORLD'S MOST CAPABLE NETWORK

Whether you are looking for a network solution that provides faster data rates, or strategic coverage for your business-critical operations, Panasonic's global communications network offers a whole new approach to connectivity – designed to support customer applications and traffic now and in the future.

High Availability Ku-band Network Designed for Mobility Markets



The custom-designed network offers near 100% uptime with a minimum of 10Mbps to support the connectivity needs of customers across the energy, mining and maritime markets. Covering more than 98% of all maritime traffic routes, the network includes high-throughput satellite capacity that will expand to wrap around the globe.



Largest, most comprehensive global broadband connectivity service available in the world.

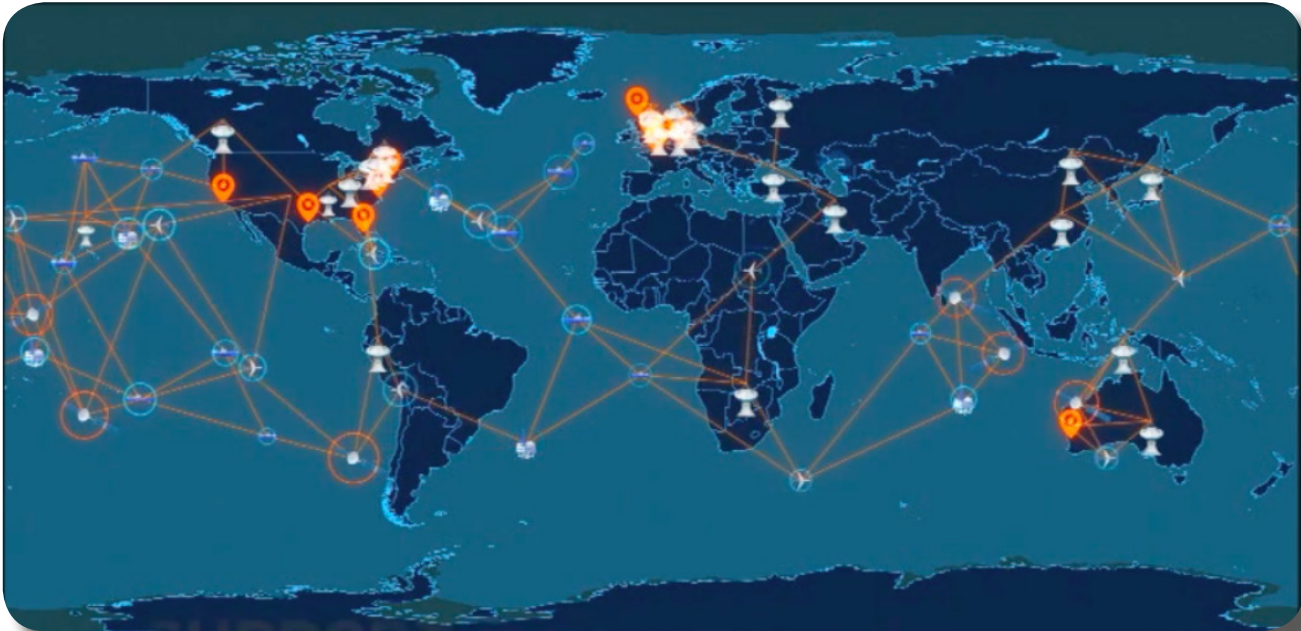
HTS implementation in progress:

- IS-29, IS-33, T-12V in orbit
- e172B, SES-14, SES-15 (2017)

Coverage maps are for illustrative purposes only and do not indicate exact coverage. Capacity and service subject to availability.

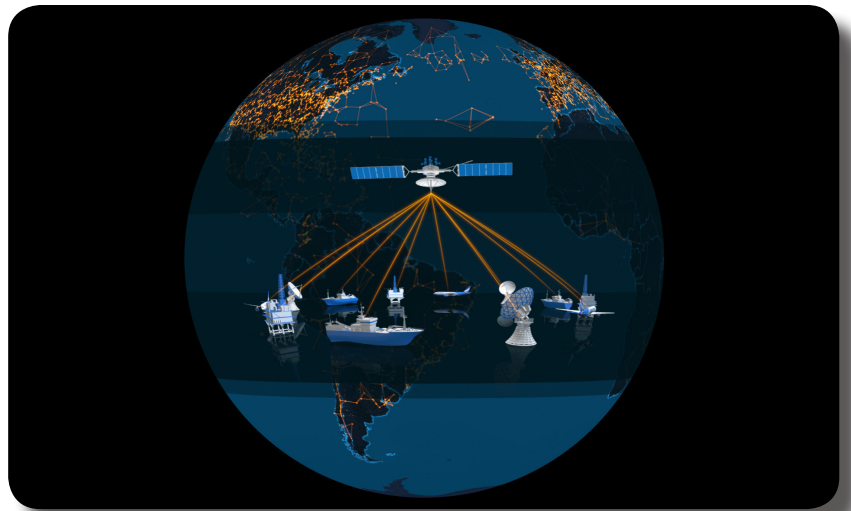
Ground Infrastructure Scaled to Support Complex HTS Network Requirements

- Strategic points of presence across our global terrestrial network
- Expansive ground infrastructure supports multi-spot beam HTS and XTS satellites
- Flexible and scalable MPLS core backbone designed to support customer applications and traffic
- Delivering high-speed, high-capacity internet, live TV and more



Complete Connectivity Designed By Panasonic For Mobility Markets

- **Coverage & Flexibility**
 - Boundless broadband on the world's largest HTS Ku-band network
- **Reliable Link Availability**
 - Proven rain zone performance
- **Market-Focused Coverage**
 - Concentrated high-power beams with 10x + user throughput
- **Hardware-Agnostic Solution**
 - Proven Ku-band equipment with no conversion costs
- **Redundancy & Network Diversity**
 - Multiple overlapping satellites and beams in each region



CONNECTING CUSTOMERS TO AN UNRIVALED NETWORK

With Panasonic, customers gain access to new, high-performance technologies supported by the most comprehensive Ku-band network in the world, purpose-built and designed specifically for global mobility markets.

Panasonic