

# Offshore Oil & Gas Communications

## Remote Connectivity Solutions for Oilfield Environments



### Fully Managed Solutions for Remote Energy Operations

Operations in offshore environments require a reliable, high-performance communications network that can scale to support growing digital oilfield applications. With a comprehensive satellite network keeping headquarters connected to exploration and production operations, oil and gas companies can ensure the safety of personnel and property, improve operational efficiency and provide seamless coverage to sites across the globe.

### Single Site or Private Network

- VSAT solutions available in easy-to-purchase and deployment packages
  - Includes pre-configured remote terminal equipment and bandwidth
- Cost-effective solutions for individual site locations
- Custom private networks tailored for multiple sites in a region or dispersed global operations

### VSAT Solutions for Fixed or Mobile Locations

#### STABILIZED & FIXED ANTENNA OPTIONS

- Designed for at-sea operations that require always-on communications
- Separate below-deck equipment to ensure operational performance
- Service deployments include complete equipment, installation and testing

#### OFFSHORE SKID SYSTEMS

- Compact design for optimum portability
- Designed for easy self-installation and use by the customer
- Self-enclosed, climate controlled equipment rack

### Complete Network Services for Voice, Video and Data Requirements:

- Internet access
- Remote video streaming
- Remote automation
- Operations reporting
- Corporate VoIP-based telephony
- IP application networking
- Crew connectivity solutions



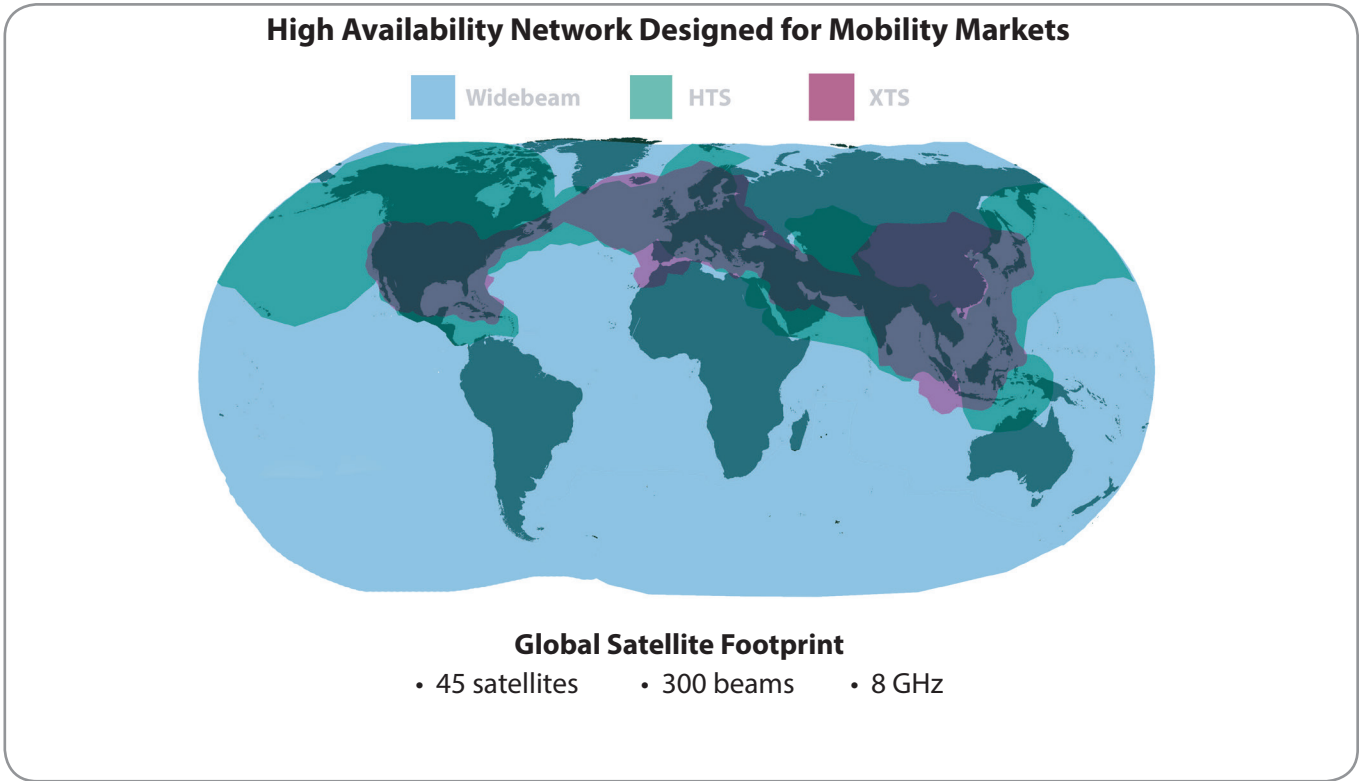
### CUSTOM-ENGINEERED COMMUNICATIONS SOLUTIONS

- End-to-End Global Service
- Enterprise-Quality Voice, Video and Data
- 24 x 7 Proactive Network Management and Support
- Client Web Portal for Complete Network Visibility

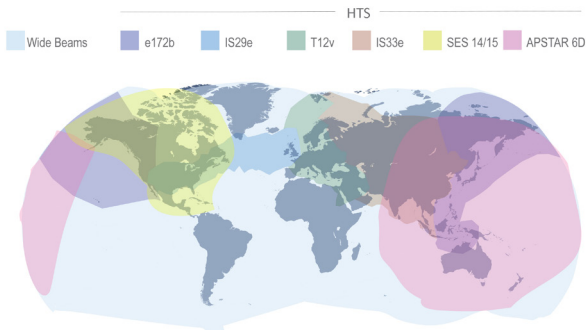


# BOUNDLESS BROADBAND ON THE WORLD'S MOST CAPABLE NETWORK

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.



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.



ITC Global provides the largest, most comprehensive global broadband connectivity service available in the world.

HTS implementation in progress:

- IS-29, IS-33, T-12V, SES-15, E172B in service
- SES-14 - Launched - in service Q4 2018
- APSTAR-6D - 2019 launch and in-service

## THE PANASONIC ADVANTAGE

Panasonic built its network to support the world's major international airlines. Now the most comprehensive Ku-band network in the world delivers high-availability broadband to oil and gas operations, mining camps and transoceanic routes across the globe.

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



To learn more about ITC Global, visit  
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