



kt sat

Beyond The Satellite



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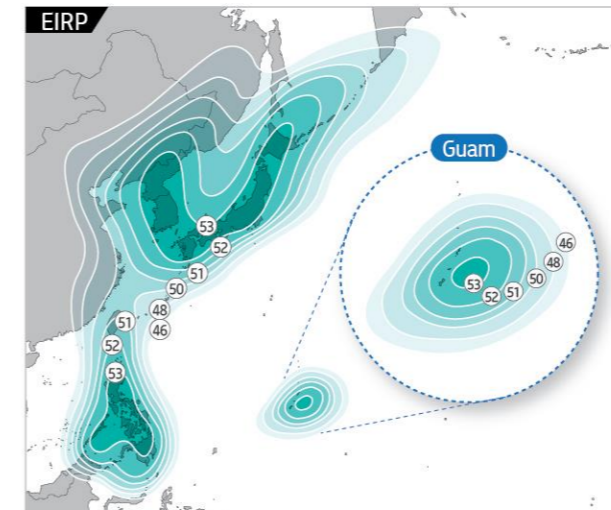
Satellite Fleet

KOREASAT-5A

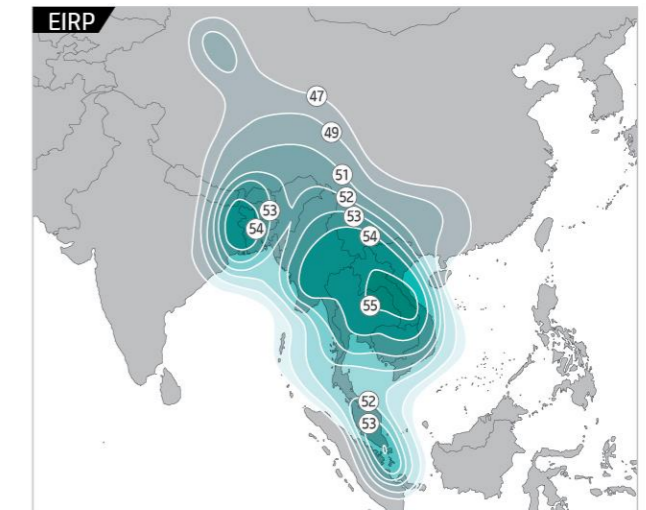
Orbital Location : 113°E
 Launch Date : Oct 2017

Manufacturer : Thales Alenia Space
 Launcher : Space X

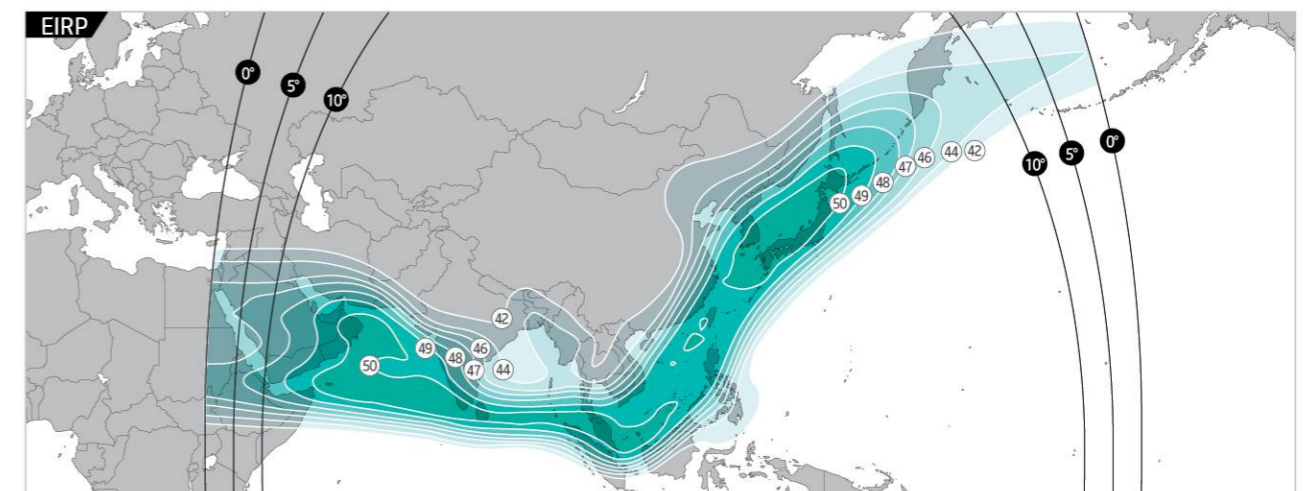
North East Asia Ku-band Beam



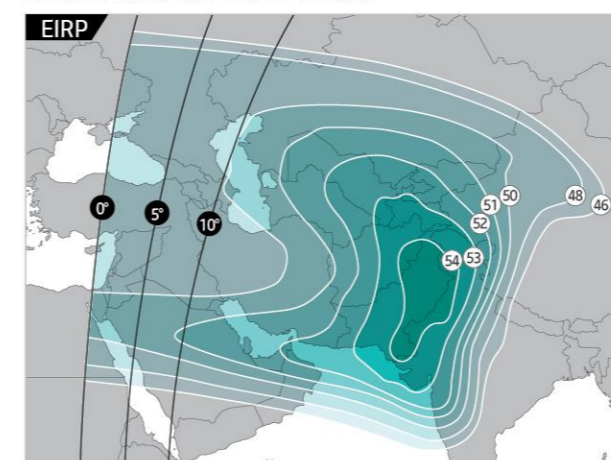
Indochina Ku-band Beam



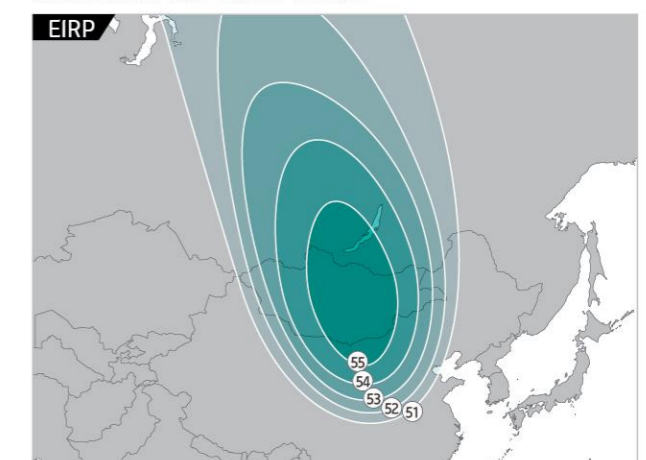
Maritime Ku-band Beam



South Asia Ku-band Beam



Steerable Ku-band Beam



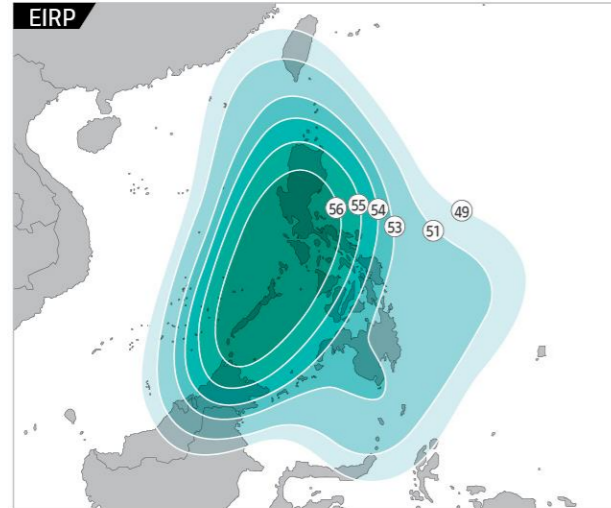
Satellite Fleet

KOREASAT-7

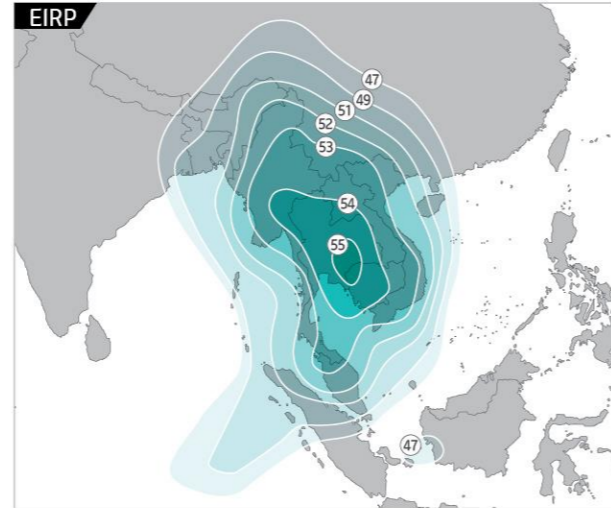
Orbital Location : 116°E
Launch Date : May 2017

Manufacturer : Thales Alenia Space
Launcher : Arianespace

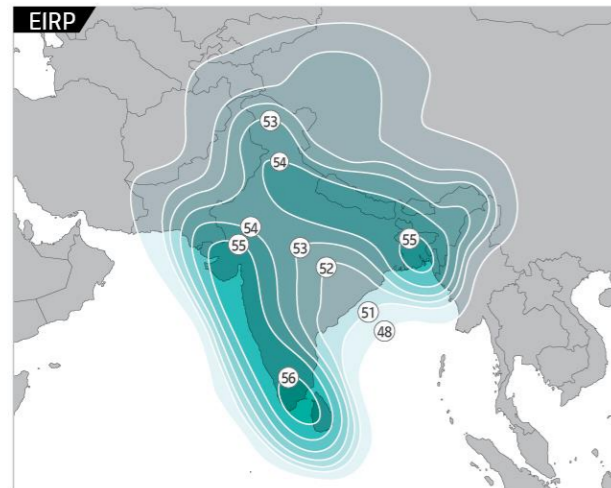
Philippine Ku-band Beam



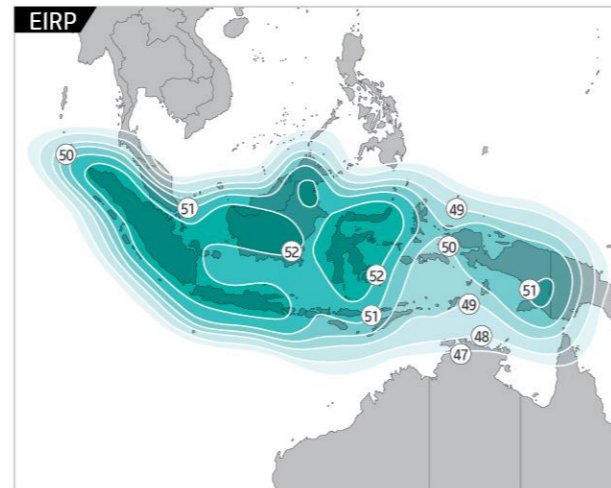
Indochina Ku-band Beam



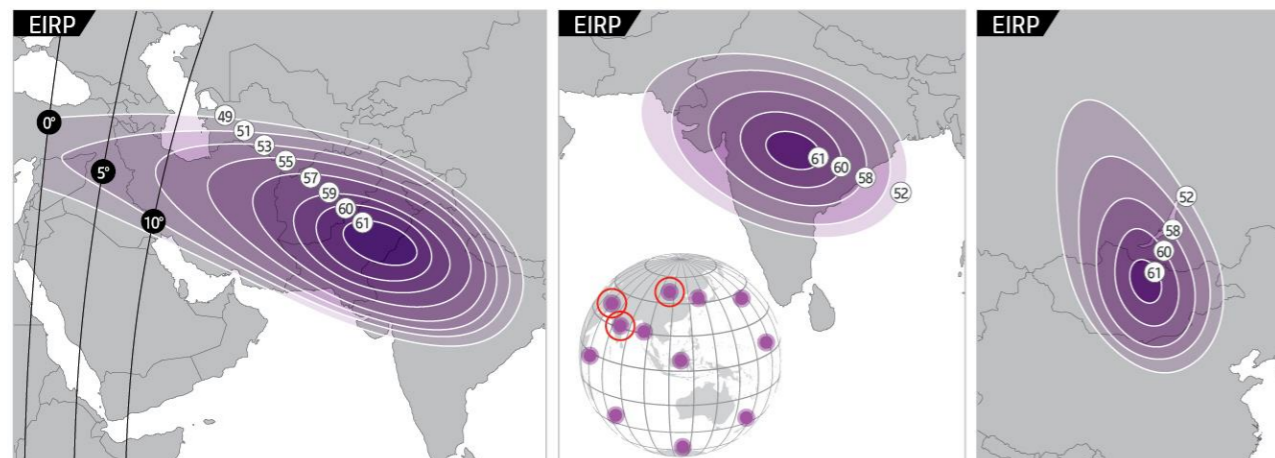
India Ku-band Beam



South East Asia Ku-band Beam



Steerable Ka-band Beam



KOREASAT-6

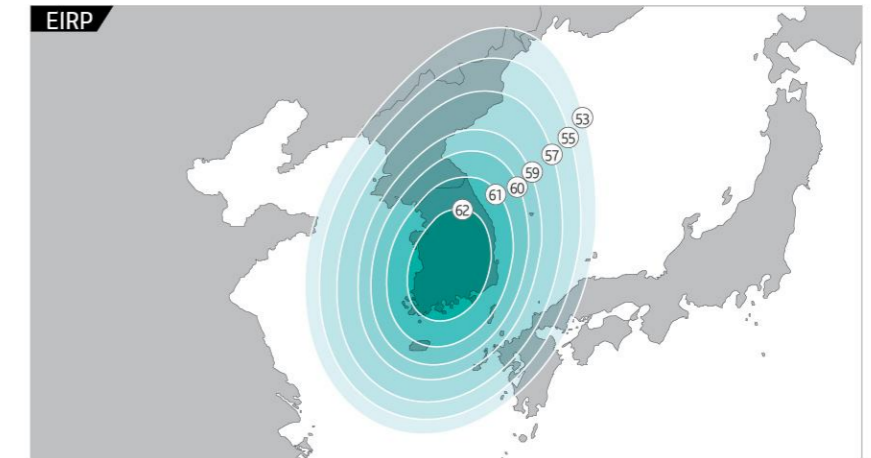
Orbital Location : 116°E

Launch Date : Dec 2010

Manufacturer : Orbital Sciences Corporation

Launcher : Arianespace

FSS Ku-band Beam



KOREASAT-8

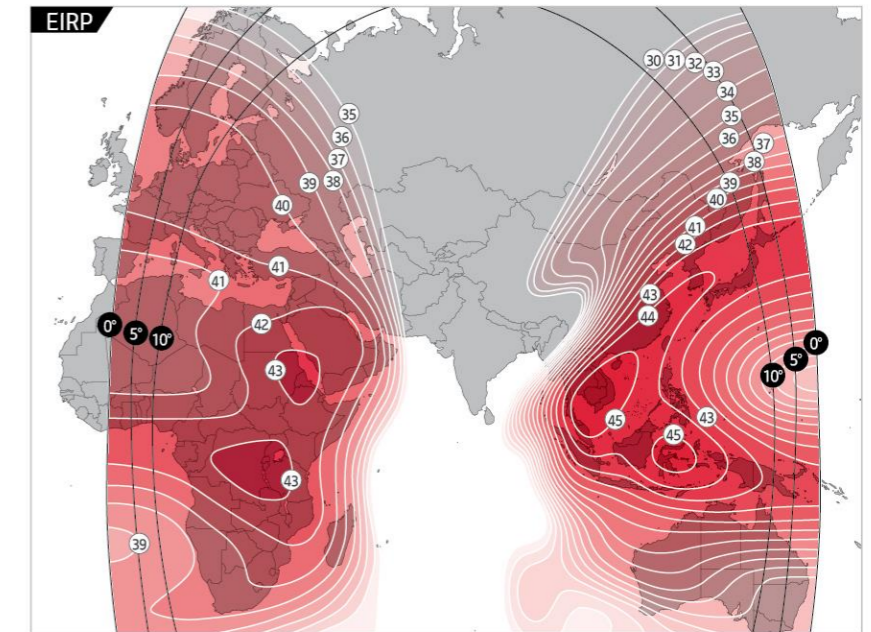
Orbital Location : 75°E

Launch Date : Feb 2014

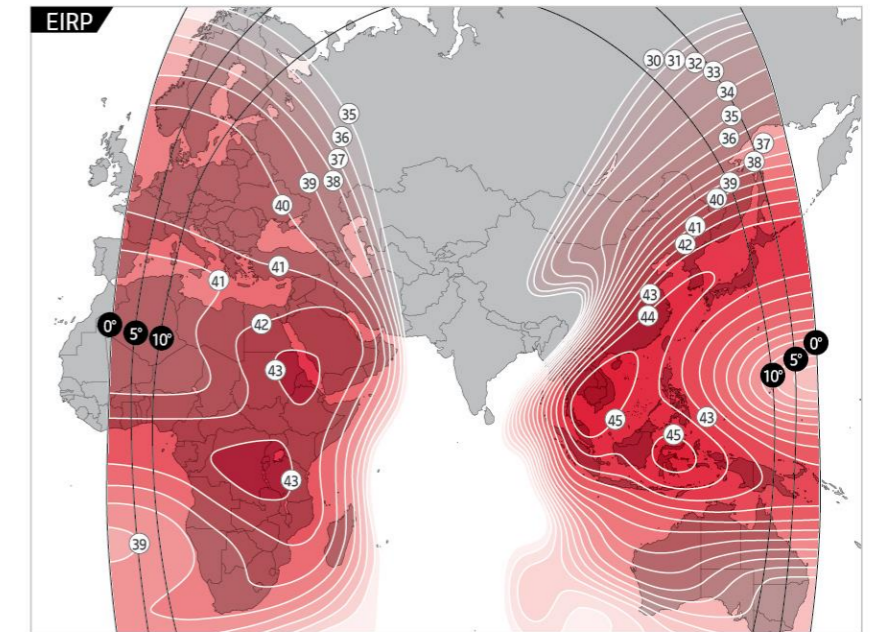
Manufacturer : Space Systems/Loral

Launcher : Arianespace

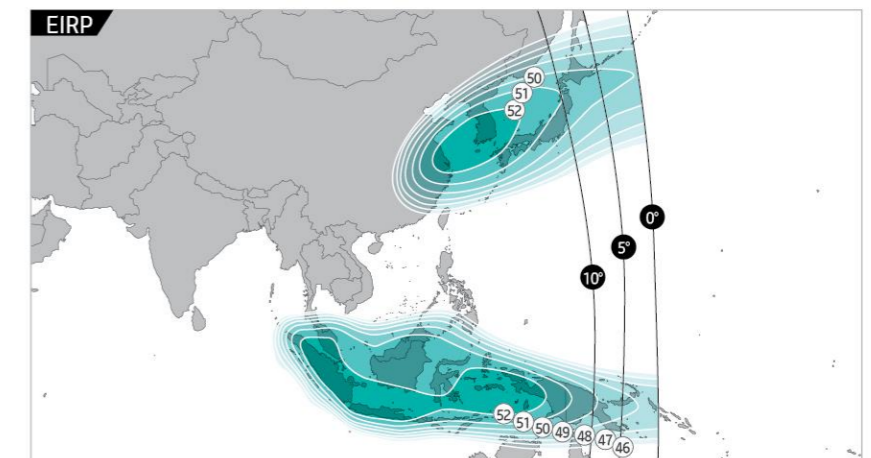
West Hemi C-band Beam



East Hemi C-band Beam



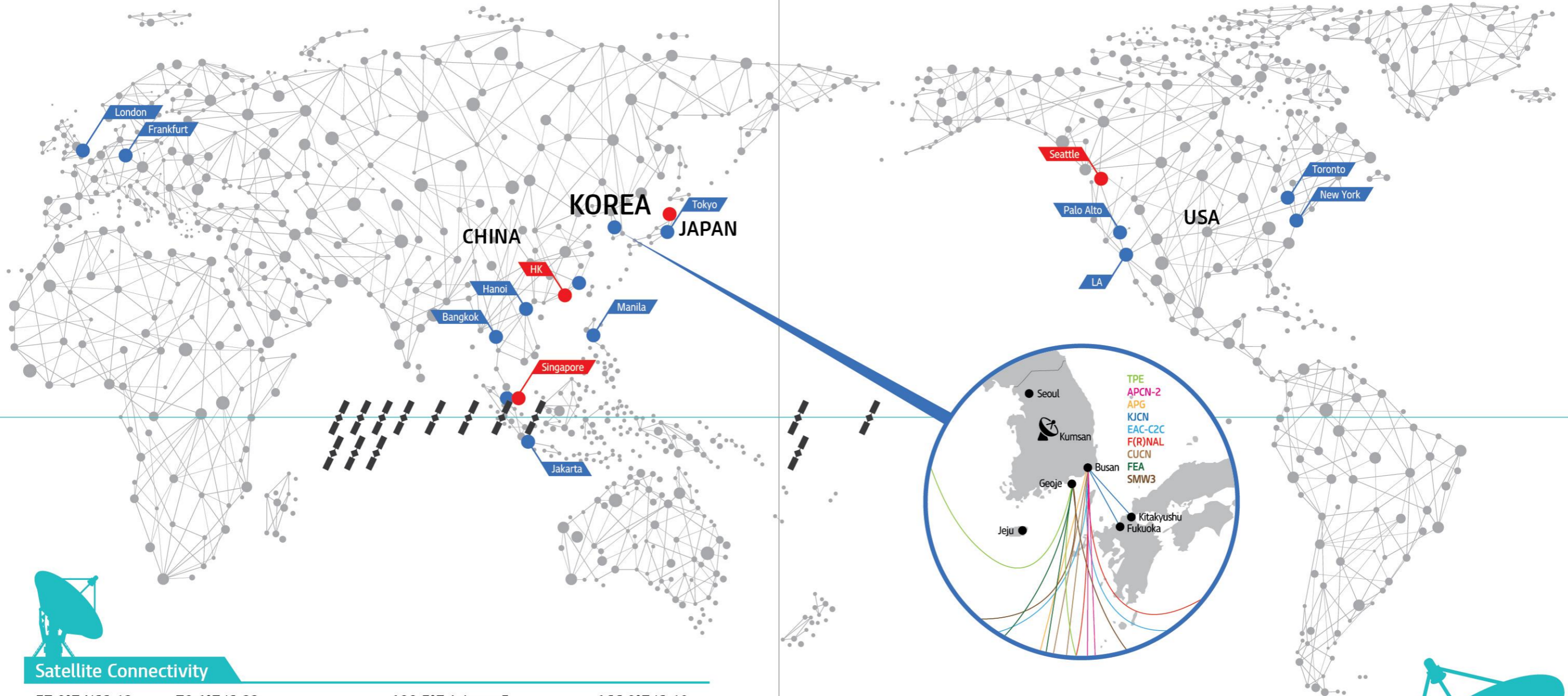
SEA / Korea Ku-band Beam



Teleport Service

KT SAT has access to more than 17 international satellites in orbit from 57°E to 180°E with more than 40 antennas at Kumsan Teleport. KT SAT provides end-to-end data transmission and IP access services around the world through our global network and widespread partnership.

- Tier1 Class Internet
- Global Network with more than 6 submarine cables through 2 CLS and 14 POPs worldwide
- KT's support with connectivity to 300 ISPs
- Co-location for Antenna, Hub & TT&C
- Triple Power Redundancy
- 24/7/365 Support in English
- Surveillance System



Satellite Connectivity

57.0°E NSS-12	72.1°E IS-22	100.5°E Asiasat-5	166.0°E IS-19
60.0°E IS-33e	75.0°E KOREASAT-8 / ABS-2	105.5°E Asiasat-7	180.0°E IS-18
64.2°E IS-906	76.5°E Apstar-7	108.2°E SES-9	
66.0°E IS-17	85.15°E IS-15	113.0°E KOREASAT-5A	
68.5°E IS-20	91.5°E Measat-3	116.0°E KOREASAT-6	
	95.0°E SES-8	116.0°E KOREASAT-7	

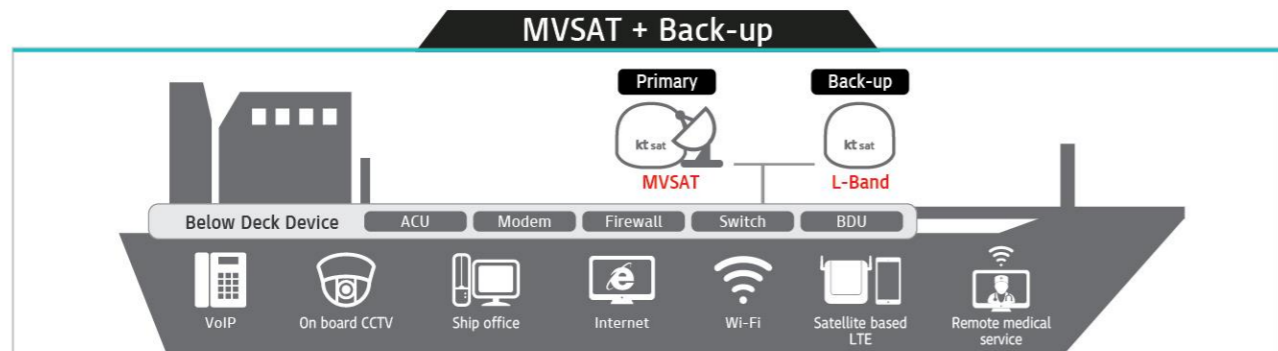
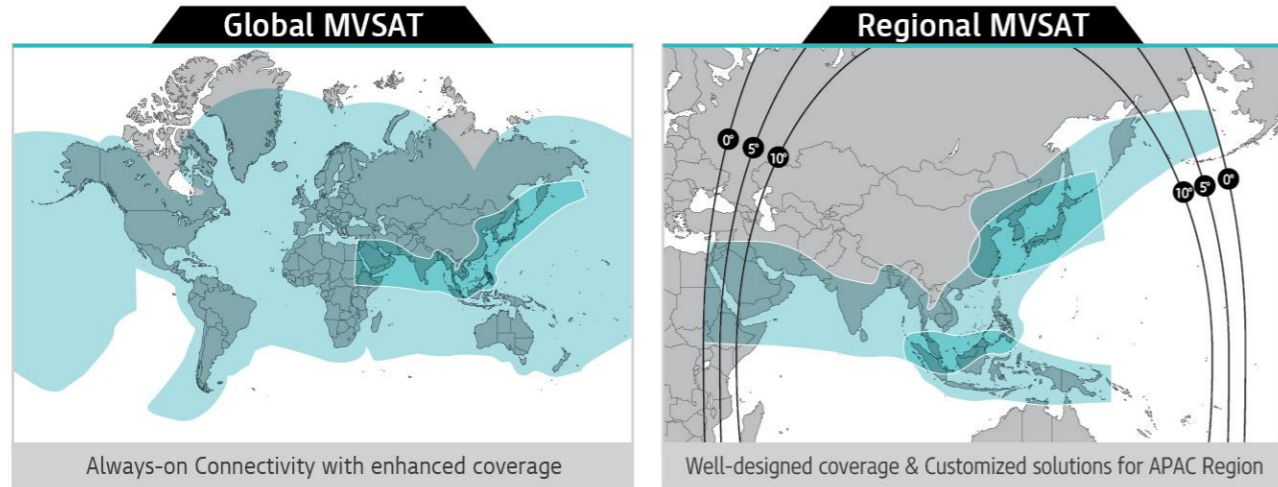
- Main-POP
- Internet-POP



Maritime Service

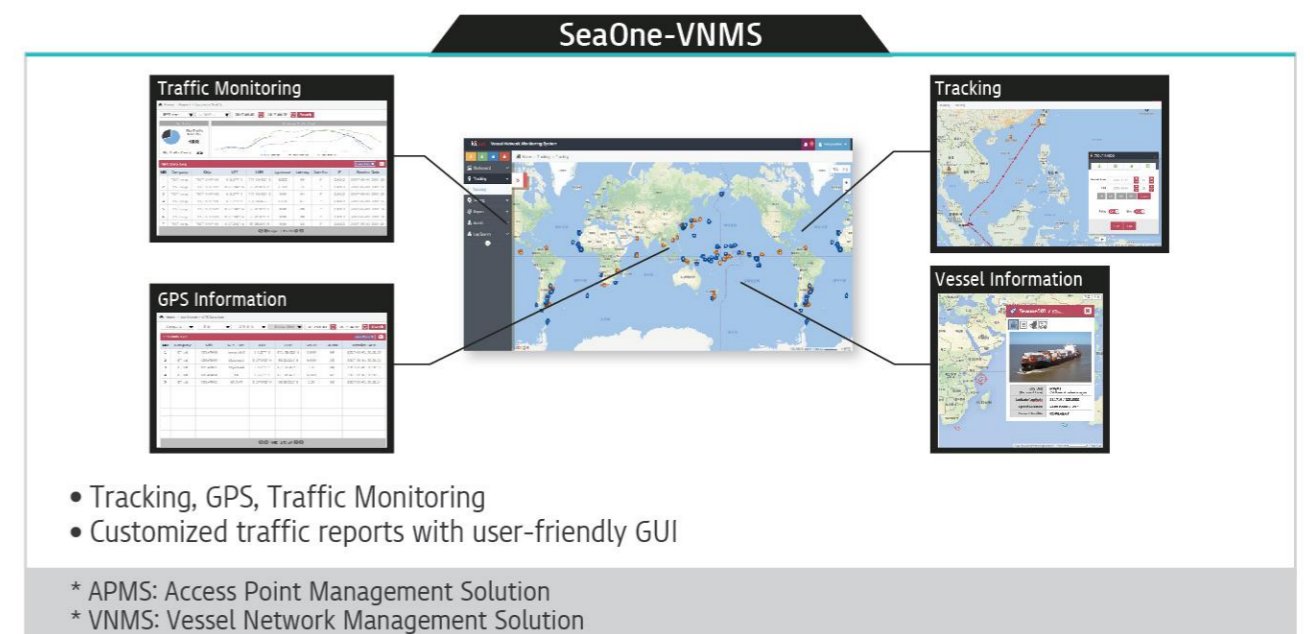
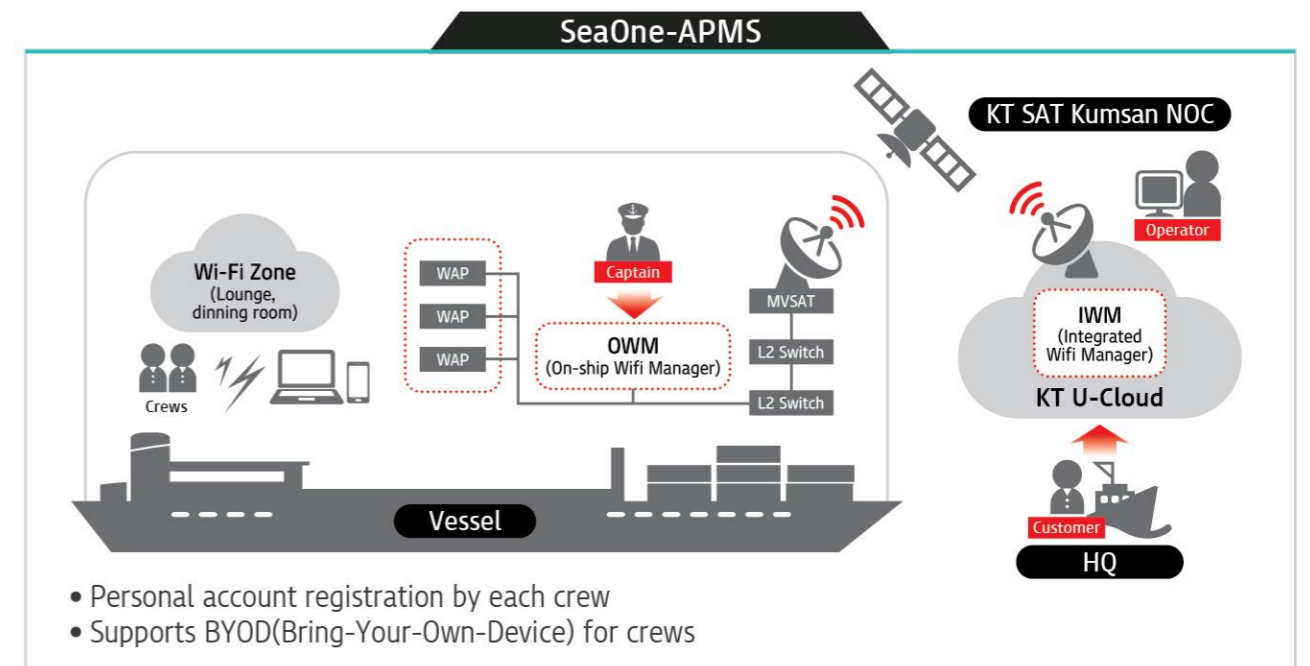
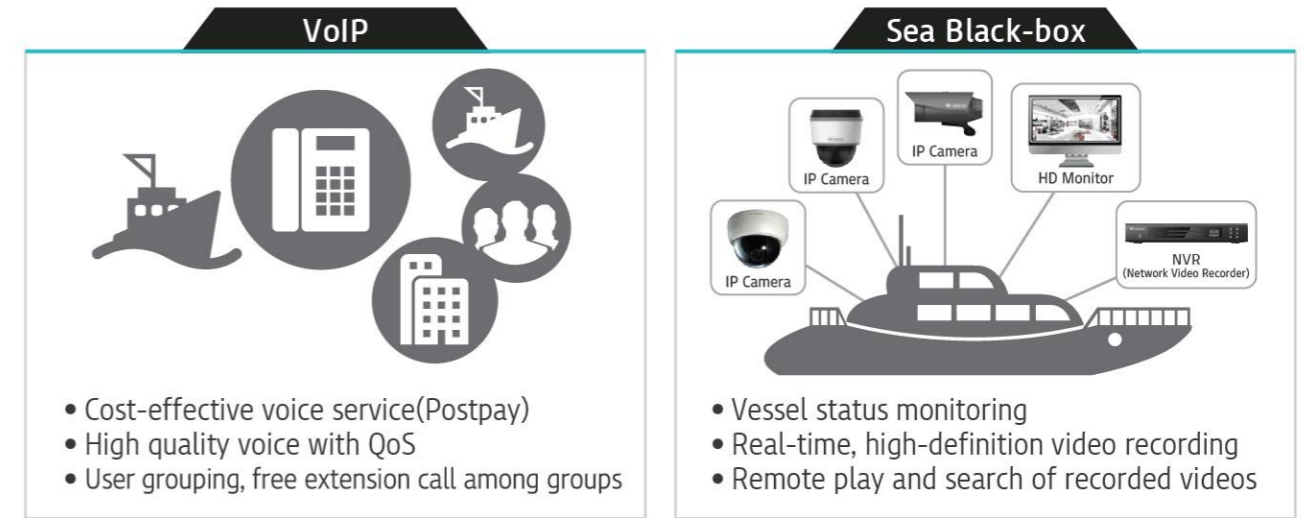
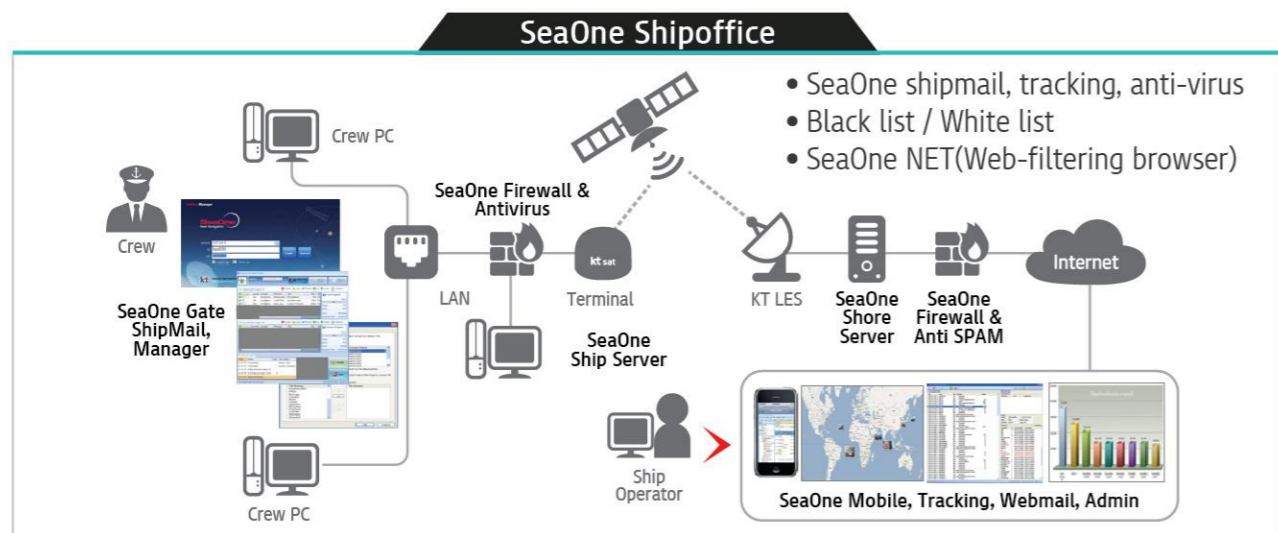
KT SAT's MVSAT covers the world with KOREASAT combined with our global partners' coverage. KT SAT Teleport is equipped with iDirect platform for managed services and optimized solutions in accordance with customer requirements.

MVSAT



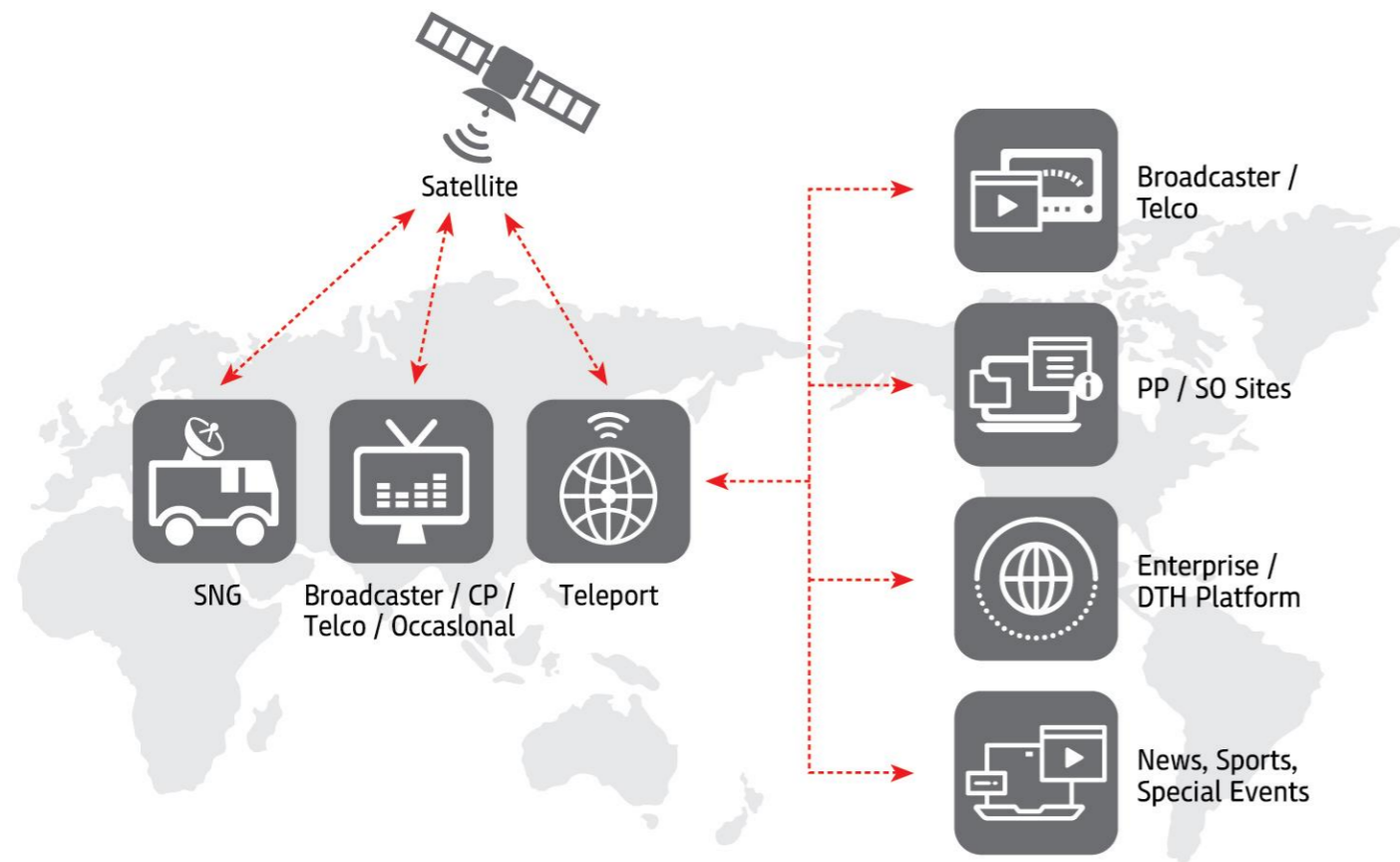
Value Added Solution

Various additional solutions combined with MVSAT are provided in order to improve the welfare of crews and to increase the efficiency of ship management.



Video Service

KT SAT provides uplink / downlink services via satellite for various video contents, complemented by our 24-hour customer support from Kumsan Teleport.



▶ Broadcasting & Media Service

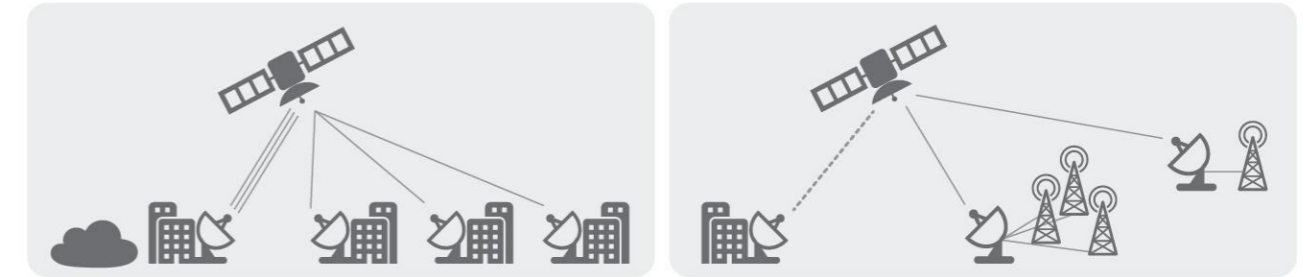
- Global Contribution and Distribution Service
- TVRO and DTH Platforms
- Occasional Use and SNG Service
- Turn-Around Service
- Full redundant MPEG-2/4, HD/SD, DVB-S/S2/NS3, U/L and D/L systems
- 24/7 Customer Support



※ Kumsan Teleport

Data Service

KT SAT provides customized data solutions through seamless satellite connectivity optimal for enterprises, governments and individuals across the world even in Antarctica.



▶ Service type

Premium VSAT Service

- Point-To-Point managed satellite solution for voice, data and Internet service applications
- Guaranteed Committed Information Rate
- Access to global internet backbone and fiber network for seamless connectivity

Broadband / Mobile Backhaul Service

- TDMA VSAT by iDirect
- Price Plan optimized to network size and customer demands
- SOHO network backup for private networks and mobile operators

Additional Service

- VPN(Virtual Private Network), WAN Accelerator
- Video teleconference solution between HQ and remote sites
- Installation & Consulting Services for Security, Voice, and Data Solutions
- Cellular backhaul service for disaster and emergency

