

YOUR SATELLITE OPERATIONS AND GROUND SERVICES PARTNER

ABSPlus is a portfolio of value-added service offerings for a broad spectrum of satellite communication requirements. Our experienced staff, operational capabilities, industry leading facilities and global reach allow you to focus on your end users and less on network establishment and on-going management.

As a satellite operator managing major media, telecommunications and government transmissions, ABS understands the critical nature of maintaining reliable communications, and manages its network and operations accordingly. By working with ABS, you can leverage our expertise to speed up time to market, save on operational expenses, and ensure a reliable satellite solution for your end customers.

ABS GLOBAL OPERATIONS



SERVICES AVAILABLE:



ABSPLUS Teleports

Through a network of strategically located teleports around the world, ABS provides C and Ku-band services for broadcast, enterprise and government organizations. Our global fleet covers three oceans and six continents.

SERVICES INCLUDE:

- ▶ Access to 23 large antennas over 4.5m meters and 70 smaller two-way or receive-only (RO) antennas located at strategic locations around the world.
- ▶ RF Uplink and / or downlink
- ▶ Hosting of customer owned or third party equipment
 - VSAT hubs, hub-base services and related equipment
 - Network gateways for GEO satellites
 - Primary & backup TT&C antennas
 - Beam monitoring equipment
- ▶ IP transit provisioning



ABSPLUS Video

ABS satellites reach over 180 countries and connect 93% of the world's population with our comprehensive coverage. Our strategic partnerships with state-of-the-art communications hubs enable us to offer flexible and customizable connectivity solutions to broadcasters with different needs.



MEDIA SOLUTIONS INCLUDE:

- ▶ Contribution
- ▶ Distribution
- ▶ IP transit
- ▶ HD/SD playout
- ▶ Downlinking of channels
- ▶ Uplink services

ABS PLUS Install

ABS has developed strong alliances and partnership with system integrators and hardware suppliers across the globe. With our extensive supplier network, ABS can offer equipment to you as a value-added total solution.

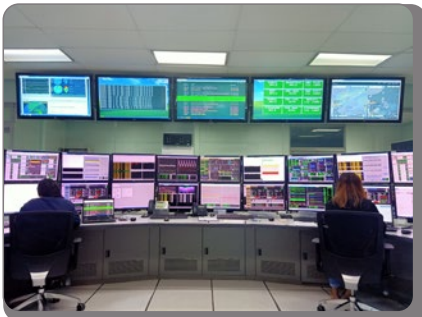
ABS' highly qualified team is also capable of installing equipment from most of the established equipment vendors. Our team is experienced in a wide range of installations from as large as 13m full motion antennas including antenna tracking and control units to as small as 60cm remote VSAT sites.

By working together with ABS, we can help you stay ahead of the competition by designing and implementing flexible solutions and installations with cost savings.



ABS PLUS SatOps

ABS operates and manages its own satellites from a primary Satellite Operations Center (SOC) located in Subic Bay, Philippines and a fully functional redundant satellite back-up SOC (BSOC) located in PHILEXCEL Business Park Clark Freeport Zone. Both facilities are equipped to provide uninterrupted operations and staffed 24/7 with a team of experienced satellite controllers, satellite engineers and mission analysis professionals. ABS offers third parties our established SOC operations in order to fly your satellites. You can enjoy the savings of an outsourced satellite operations team.



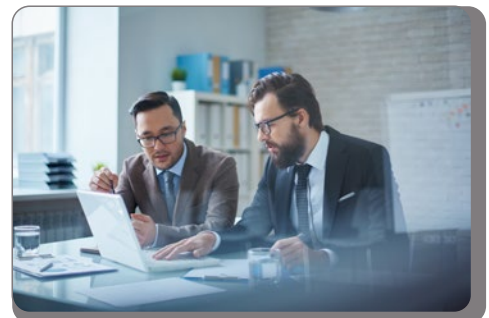
ABS also conducts satellite tracking, telemetry and command (TT&C) through a network of 4 ground stations located in Subic Bay (Philippines), Cikarang (Indonesia), and Russia. The SOC, BSOC and TT&C locations that serve ABS' satellite fleet can easily be used to support equally high quality services for third party spacecraft for long-term turn-key operations or short term needs.

ABS PLUS Consult

ABS has some of the most experienced and creative people in the satellite industry. We offer regulatory, space, engineering and operations consulting services across the board to meet your space and ground requirements.

SERVICES INCLUDE:

- ▶ Regulatory support for orbital slot filings, coordination and support in interactions with the ITU
- ▶ Spacecraft related services and design
- ▶ Ground infrastructure and systems design
- ▶ Planning, project management and construction of satellite earth stations.



ABSPLUS H2H

ABS operates its global network of satellite earth stations for TT&C requirements and gateway facilities for satellite data and video services. Through ABS or partnered teleport facilities, we offer upcoming LEO and MEO satellite constellation operators gateway access to your fleet of satellites. The teleports can be engineered to provide a line-of-sight down to a 5-degree elevation over the 360 degree azimuth to enable maximum access to the constellation satellites as the earth rotates.



FACILITY FEATURES AND SUPPORT:



ABS facilities have fully redundant, independent datalines and uninterruptible back-up power with long duration generators.



Equipment hosting areas for TT&C and payload monitoring equipment are monitored around the clock, throughout the year.



Fully controlled and monitored environment to maintain temperature and humidity.



Staffed 24/7 with a team of experienced satellite controllers, satellite engineers and mission analysis professionals.

CONTACT:

For further inquiries about **ABSPlus** services, email to: ABSPlus@absatellite.com