

Overview

ABSPlus Install offers satellite operators, VSAT networks operators, broadcast service providers and suppliers a full range of ground services from design and construction to installation and commissioning of earth station facilities. Our seasoned engineers and technicians have managed the build out of ABS' own satellite teleports and TT&C stations around the world as well as for numerous partners and clients.

Expertise Includes:

- Large earth station antennas (6m and above) inclusive of tracking control units, and provision of the antenna pads.
- RF uplink and downlink chain, redundant high power amplifier HPA's and shelters.
- Very small aperture terminal (VSAT) hubs of various makes and models.
- Video distribution and contribution head-ends and playout facilities.
- Prime, as well as, stand-by power facilities, uninterruptible power systems, gensets and green power systems.



ABS has extensive experience for installation services in all major corners of the globe with adherence to local regulatory requirements and consideration of even extreme weather (high wind) environments. **ABSPlus Intstall** includes the provision of fiber and IP terrestrial connectivity as may be required to enable the end-to-end delivery of services.

ABS has the capability to undertake the construction of satellite earth stations globally. We have highly competent engineers with unparalleled experience in building new or retrofitting old antenna systems from as large as 16 meters down to the smaller VSAT antennae to meet your requirement. Our RF system design expertise encompasses the installation and commissioning of HPAs with sizes ranging from 3KW down to the smaller block upconverters (BUCs). This in-house engineering capability can also support the design and connectivity of waveguide and intra facility link (IFL) to ensure that the uplink and downlink chains are within specified requirements.

Furthermore, ABS owns extensive tools and test equipment to ensure that any new system installed meets the industry standard required specifications.

Services Include:



- Earth station design
- Assembly/retrofit of various antenna systems including installation of antenna control system
- RF and baseband equipment integration
- Planning, engineering and civil works implementation
- Project management and logistics support
- Earth station verification and testing
- Acceptance and commissioning
- Technical support and training

Contact:

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