

H.M.S. Telecom, LLC – VSAT SOLUTIONS



H.M.S. TELECOM, LLC CAN PROVIDE GLOBAL LOW-COST, HIGHLY RELIABLE VSAT SERVICES. INCLUDING VOICE, DATA, FAX AND VIDEO. EXTEND YOUR WAN! CONTACT H.M.S. TELECOM, LLC TODAY!

VSAT or Very Small Aperture Terminals are small, software-driven earth stations (typically 0.9-2.4 meters, which equates to 3-8 feet, though larger units are available) used for the reliable transmission of data, video, or voice via satellite. It requires no staff or additional technology to operate it. It simply plugs into existing terminal equipment.

Reliable Communications

VSAT satellite communications provide virtually error-free digital data communications and better than 99.9% network reliability.

Remote Communications

No matter how remote or dispersed your operations are, VSATs provide a link to your headquarters. VSAT can provide remote diagnostics, remote monitoring, and data streaming services from remote or hazardous sites.

Turnkey seamless integration of communications requirements provide a one point contact for your private data network From design, implementation, installation and management a turnkey solution to your communications requirements. These services are provided in an individualized cost-effective solution.



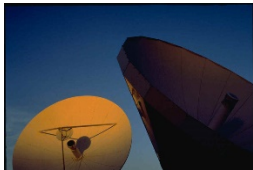
- IP Based Wan Network Services
- E-Mail Service
- Interface with Telephone PBX
- Mobile VSAT Communications System
- Data and Voice Connectivity
- Fax
- Video
- Installation, Moving And Set-up Services
- Broadcast Services
- Contract Installation and Service on VSAT Networks
- Real-Time Data Acquisition and Broadcast
- 7/24 Hour Service and Support
- Lease-Line, Backhaul Support
- CDMS (Code Division Multiple Access) Technology
- SCPC (Single Carrier Per Channel) Technology
- TDMA (Time-Division Multiple Access) Technology
- Multiple Network Configurations

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VSAT services are delivered through the use of either C-Band or KU-Band geostationary satellites for video, voice, fax and data transmissions. VSATs use a star network with the use of satellite earth stations that rely on a large central hub. Alternatively the use of mesh (hubless) VSAT networks can provide communication between VSAT terminals directly. They can be configured in both one-way (receive only) and two-way (interactive) VSAT terminals. Most VSAT terminals utilize satellite dishes in the 1 to 2.4 meter range, though both smaller and larger dish configurations are available. The selection of satellite, terminal size and configuration is based on the specific requirements of the applications for which VSAT will be utilized. H.M.S. Telecom, LLC can provide the specific solution to your specific communication needs, through our large array of products, services and provider network. Contact H.M.S. Communications to learn more.

VSAT is growth compatible, VSAT allows the user to make incremental increases in its network. The use of VSAT provides the ability to expand capacity and system growth, while maintaining a handle on costs which are closely associated with the increase in capacity or system growth. The VSAT network is highly manageable, and allows many options in planning the network with regards to bandwidth, services and protocols. VSAT can provide a seamless means of integrating your Wide Area Network (WAN) across the country, or across the world.



H.M.S. Telecom, LLC can provide VSAT solutions globally utilizing a wide selection of satellites, networks, earth stations and connections to insure that the specific requirement is met with the best possible solution, utilizing some of the world's leading VSAT satellite operators and earth stations. Our network of equipment and service providers enables us to provide a custom solution anywhere, at a competitive price and with reliable delivery, installation and setup. H.M.S. Telecom, LLC is selective in its partners, partnering with those firms that have the same commitment to quality service, reliability and value in providing the communication solution that meets the needs of our clients, on a global basis.

H.M.S. Telecom, LLC offers a wide-range of VSAT Solutions for a variety of applications

- Business Solutions
- Distance Learning
- Inventory Control
- Internet Access
- Marine VSAT
- M2M
- Remote Monitoring
- SCADA
- Video Surveillance
- Other