

Satellite Networks

The Hughes Network Systems (HNS), VSAT product line is designed to provide cost-effective telecommunications to a wide array of industries around the world. VSATs are effective tools for LAN internetworking, multimedia image transfer, batch and interactive data transmission, interactive voice, and broadcast data and video communications.

Wireless Networks

Hughes Network Systems developed the AIReach family of universal wireless products to meet a broad spectrum of applications in demand, including digital mobility, wireless local loop, wireless data, and broadband business applications.

Enterprise Networks

Hughes Network Systems (HNS) Radiant family of networking products include award-winning backbone, internet-working, and edge switches with a single network management system, providing reliable and flexible solutions for the public and private service provider.

Consumer Satellite Products

HNS offers a series of consumer satellite products designed to provide world-class, direct-to-home satellite TV and Internet access.

CableServe

CableServe is an integrated access system designed to enable HFC cable television distribution networks to carry telephony and broadband data.

Explore a world of
satellite solutions

VSAT Overview

Why Use VSATs?

VSAT networks provide rapid, reliable satellite transmission of data, voice, and video to an unlimited number of geographically dispersed sites or from these sites to headquarters.

What Equipment Do I Need for My VSAT Network?

Each site is equipped with a VSAT terminal consisting of an antenna, outdoor electronics mounted on the antenna for signal reception/transmission, and indoor electronics for connection to customer computer, telephone, and video equipment.

Shared Hub Services

Technical Support Services

Customer Assistance Center

Hughes Shared Hub Services

Cost-effective real-time communications
across town, or across the country.

Shared hub services from Hughes Network
Systems: Making Satellite Technology work for your business.

Today, businesses in a wide variety
of industries are relying on VSAT (very small aperture terminal)
satellite networks to help them
communicate with their remote locations
no matter where they are across town, or across the country.

Even for businesses with relatively
small numbers of remote sites, satellite networks can be one of the most
cost-effective ways to obtain efficient, on-line communications.

The central the heart of your network.

VSAT networks rely on a central hub
station to serve as the transfer point between the remote locations, the
satellite, and company headquarters
or data center. The hub contains the necessary uplink/downlink equipment to
transmit signals to and from the satellite.

For many companies, it is not desirable
or feasible to own and operate their own dedicated hub. The solution: shared hub services from
Hughes. Shared Hub Services from Hughes
give you the efficiency of on-line communications at a cost that agrees with your bottom
line.

Hughes Network Systems owns and operates
four full-service satellite hubs located across the country. The hubs operate seven days a
week, 24 hours a day. For a reasonable
monthly fee, you have all the advantages of on-line satellite communications:

Data transmission
Real-time video
Audio transmission
Disaster recovery
Pilot programs for new networks or applications

Using shared hub services means you

avoid the expense of building your own hub and maintaining a technical staff to run it. You contract for only the amount of satellite bandwidth that you need on satellites built by the world's largest satellite manufacturer. And when your network needs to grow or change, you can count on Hughes to reconfigure the network quickly with a minimum of expense.

Disaster recovery: being ready for the unexpected.

No one likes to think that a disaster either natural or could hit the network. But in the event of a hub failure, whether it's a shared hub or a hub dedicated to one company's operation, Hughes is ready to put you back in business.

The Germantown hub provides complete backup service in the event of disaster. Hughes can bring your network back up rapidly and will keep it operating while hub repairs are underway. As soon as the hub is repaired, we switch you back to normal operation.

Let us show you how Hughes Shared Hub Services can help you advance the way your business communicates. Call 301-601-2610.

The heart of HNS' technological leadership is its family of Satellite earth stations and services.

Consumer Satellite Products

DirecTV Systems
HNS-brand system for direct-to-home reception of satellite-delivered DIRECTV programming.

DirecPC
HNS' satellite receive system and service that provides up to 400 Kbps Internet access.

DirecDuo
HNS' hybrid satellite receive system that provides satellite-delivered TV reception and DirecPC Internet access using the same antenna.