



DETASAD Corporate Network Solutions link even your remotest locations via satellite. They are variable, fast and reliable, providing you with a fully or partially meshed corporate network that meets the highest standards for accessibility and quality. A homogeneous network to meet all of your business communications needs (voice/fax, Internet, video or data exchange).

VSAT means DETASAD – Your licensed VSAT Service Provider

With DETASAD's Corporate Network Solutions, you can get a homogeneous corporate network any time, anywhere. DETASAD Corporate Network Solutions offer you clear advantages. With DETASAD, you get one-stop shopping – planning, implementation and professional customer service:

Needs	Benefits
<ul style="list-style-type: none"> • All of your locations are linked together in a closed user group, business data, voice and video solutions can be offered • Flexible network structure with dynamic bandwidth allocation, easy to upgrade • Independent of the terrestrial network – e.g., secure and fast data exchange between all locations • Completely integrable with existing network topologies 	<ul style="list-style-type: none"> • Consulting, including analysis of your communications needs • Network and system design • Commercial solutions and individual financing arrangements on request • Provider of satellite capacity • Provider of operating licenses • Turn-key installation, operation and maintenance for all sites • 24 x7 network management and monitoring by our Network Operations Center • 24 x7 User help desk

DETASAD - Your all-around partner for satellite connectivity

Set up fully or partially meshed networks

- Voice and data integration
- Inclusion of as many sites as desired at any time, independent of terrestrial infrastructure
- Connection to public or private IP networks
- Flexible upgrade and downgrade options

Modern network management

- Fast, static or flexible bandwidth allocation
- Configurable bandwidth / guaranteed transmission capacity
- Committed information rate (CIR) for every virtual connection (PVC)
- Additional configurable extended information rate (EIR) for allocation of burst bandwidth
- Voice compression for effective throughput (1 :8 or 1 : 12) with excellent quality
- Constant monitoring of the network and continual optimization of traffic flow

Services tailored to your needs. Options

- Setup of virtual private networks (VPNs)
- LAN and telecommunications networking
- Connection through routers and voice / data multiplexers
- Transparent transmission available (no additional overhead)
- Video connections
- Support for digital and analog voice / fax equipment (PABX, telephone and fax)





Countrywide business communications via satellite

DETASAD Office Connect is designed especially for distributing information and exchanging of data, for example, between the Headquarters and branches of a countrywide spread company. To accomplish this, DETASAD Office Connect uses geo-stationary satellites to make network connections possible even in very remote areas. It is absolutely reliable and stable. Whether narrow band or broadband traffic – DETASAD Office Connect can transmit IP based or other protocol-oriented data providing ISDN- or DSL- like performance.

DETASAD Office Connect is an interactive scalable and high performance satellite IP service that delivers broadband Intranet access to a wide array of industries. It is especially designed for secure network solutions that provide rapid and reliable satellite transmission of data between a company's headquarters/data center and its remote sites or branch offices.

DETASAD Corporate Network Solutions: State-of-the-Art technologies

Technical Information

- Topology
Meshed or partially meshed
- Data protocols
IP
- Voice interfaces
Analog: 2-wire, E&M
Digital: BRI, PRI, E1 CAS, E1 QSIG
- Data interfaces
Serial: RS449/ 422, V.35, V.11 / X.21,
Ethernet
- Port data rates
64kbps or higher
- Network data rates
256kbps or higher

Network Topology

- Your various sites can exchange voice and data communications between one another via satellite.
- At each site, routers connect with Ethernet LANs and multiplexers for voice / fax transmission through Frame Relay interfaces.
- Bandwidth assignment is flexible and determined by priority and demand
- The optimal data-transmission capacity needed for each data channel in the entire company network is allocated via satellite.

Our IP connection services are designed and typically used for:

DETASAD supports its customers from the planning stages through startup, then provides ongoing support for countrywide business communications infrastructures. It focuses on providing satellite-based networks for sending and receiving data, voice and video throughout the country. The company's technical nerve center is the ultramodern Network Operations Center (NOC) in Riyadh. DETASAD offers satellite-based solutions for corporate Networks in the Kingdom of Saudi Arabia, but can offer also worldwide solutions together with its partner companies T-Systems and Plenexis.

DETASAD will have solution for Point-to-Point, but also meshed and partly meshed networks.

