

Starlite

STARLITE

Our StarLite product is ideal for organizations that are looking to establish the most efficient, reliable, and cost-effective WAN that supports multiple sites wherever they are located, and whatever networking they require.

A StarLite VSAT unit is located at each remote site, providing two-way data communications between a company's data center and its remote offices. If the data center is located at a different premise than our Master Earth Station, a back-haul link using leased line or radio link can be used.

Our StarLite product effectively supports data-intensive applications and at the same time provides excellent response times for interactive applications. Capacity can be easily allocated to remote sites ensuring optimum response times for remote applications.

The StarLite has been optimized for a wide range of business applications including:

- LAN internetworking
- Point-of-sale / credit authorizations
- Automated Teller Machine transactions
- Client/server applications
- Multimedia (video and audio) applications
- Centralized host system
- Inventory Control
- SCADA
- Financial transactions
- Batch / file transfer
- IP interconnections
- Internet / intranet

The VSAT unit for the StarLite comes with a set of integrated serial ports that can be configured to support a variety of protocols, including the TCP/IP and PPP for Ethernet connection, as well as X.25, SDLC, Telnet, BSC, and dozens of additional legacy protocols.

For organizations that require LAN internetworking, we can provide a special StarLite VSAT unit with an integrated 10-BASET RJ-45 port that provides Ethernet bridging, IP routing, packet prioritization, and LAN compression.

Our StarLite product supports an optional automatic dial-up modem backup to the Master Earth Station. This feature is ideal for organizations that require the highest uptime. Our VSAT unit can trigger a modem call to the Master Earth Station to resume the network connection over regular telephone line until the VSAT link is back online.

All of these features are available only in our StarLite VSAT product.



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Data Rates

Asynchronous : up to 19.2 kbps
Synchronous : 1.2 - 64 kbps (Standard rates)
LAN Ethernet : 10 Mbps

Ports

Maximum up to 32 DB25 ports with multiport card option

Interfaces

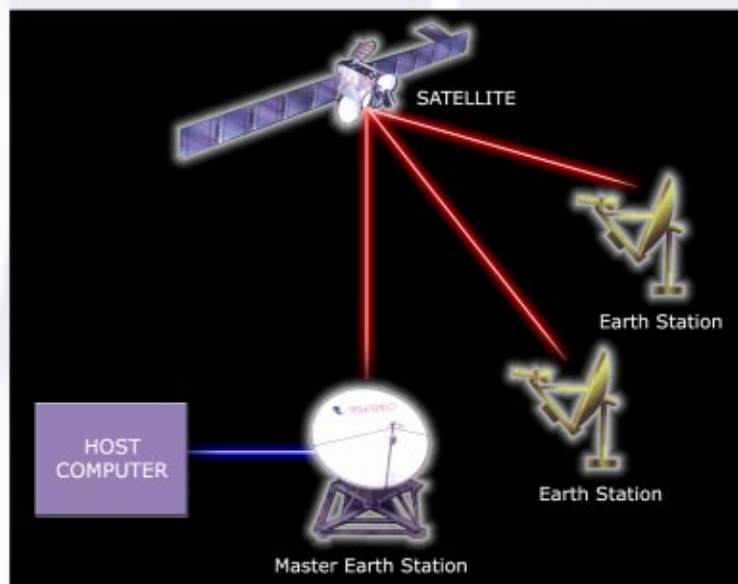
Data : RS-232
LAN Ethernet : UTP, RJ45

Protocol Support

Ethernet (10 Mbps)
Transparent Bridging SDLC (PU4-PU2, PU4-PU4)
SDLC to Token Ring
X.25
BSC 3270
TINET
Bit and Byte Transparent
HASP
Frame Transparent
X.3/X.28 PAD
Broadcast
Specialized Protocols

Bit Error Rate

1×10^{-7} - at threshold
 1×10^{-9} - typical



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