

GE
Satcom

Satlynx 9000



imagination at work

The Satlynx 9000 offers a two-way satellite-based solution enabling broadband IP and multicasting applications. The platform is ideal for businesses of any size requiring fast downstream and upstream throughput for multimedia applications, large file delivery and rapid access to the Web.

The Satlynx 9000 builds on years of satellite product experience with new embedded technologies, including acceleration, VPN, QoS, high inbound bit rates and an improved access and modulation scheme resulting in very high performance from the satellite network.

The Satlynx 9000 is available across the EMEA region, designed to support a wide range of service classes, providing flexible and incremental bandwidth allocation, a major advantage for small service providers.



Service

- Up to 1Mbps inbound and 2 Mbps outbound burst speed
- End-to-end security and bandwidth management
- Star network topology
- Enhanced network security with embedded, accelerated VPN support gives full, standard IPsec security, without additional network components at the VSAT side, yet keeping the benefits
- Standards compliant - DVB-S outbound
- Embedded acceleration software (TCP acceleration based on RFC 3135 and HTTP acceleration)
- Embedded hardware based VPN
- QoS support for both upstream and downstream traffic
- Supports any standard IP application such as Broadband Internet/Intranet, VoIP, IP multicast, Video conferencing etc.
- Enhanced IP features for full flexibility: RIP, IRDP, DHCP, NAT, IGMP, IP prioritisation, ACL
- Enables prioritization and fairness between applications

Service Availability



Applications

- High speed Broadband Internet/Intranet access
- Multimedia (video and audio) IP Multicast
- VPN – Virtual Private Network
- Reliable software distribution
- Video conferencing
- Banking and financial transactions
- Credit card authorization
- Point of sale transactions
- Reservation systems
- Inventory management
- Corporate Training
- VoIP/Native Voice
- Remote video monitoring
- SCADA

Equipment

Outdoor Unit:

- Transmitter: 1 Watt - 4 Watt Ku band
- Receiver: Standard LNB

Antenna:

- 75 cm to 180 cm

Indoor Unit:

- Software embedded in a modem
- Interface 100 Base – T Ethernet
- Inbound carrier GMSK modulation
- Protocols supported TCP/IP, UDP, ICMP

Operations

- 24 x 7 Technical Support
- Centralised Network Management from our operations centre in Backnang, Germany.
- QoS management video/data transmission
- Internet access/IP VPN
- VoIP
- Video streaming

GE - Satcom has two teleports, one at its HQ and operational centre in Backnang, Germany, the other in Leuk, Switzerland. It has a full time commercial presence in the Benelux, France, Poland, Switzerland and the UK.

GE - Satcom experts are available to answer your requests and to take your project from idea to operational reality.

For further information

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