

GE
Satcom

Satlynx SCPC



imagination at work

High speed connectivity via satellite

Satlynx SCPC is the perfect satellite solution for Government, Military, Corporate and Maritime organisations demanding secure and fully dedicated network connectivity with multi-regional coverage that provides access to hard to reach locations.

GE - Satcom holds engineering and operational excellence to fulfil advanced and unique customer requirements; starting from the customised network design, throughout technical deployment to full network management and the maintenance of each field site.

With two state-of-the-art operations centres located in Backnang, Germany and Leuk, Switzerland, GE - Satcom truly delivers global turnkey satellite communication.

Service Overview

- Standard SCPC, DVB-S2/SCPC or DAMA
- Dedicated bandwidth from 64 kbps to 155 Mbps outbound and inbound
- Symmetric or asymmetric clear channel (bit transparent)
- Ku-, C-band
- Simplex or duplex dedicated capacity, permanently available
- Point-to-point, Star or Mesh network topology
- World-wide networks, quick deployment
- Trunk-line and backbone service
- Redundant backbone connections to the Internet
- Worldwide MPLS access networks
- Customer based or teleport based central sites

Key Advantages

- Utilises highest efficiency bandwidth modulation
- Fully dedicated bandwidth
- Future proofed VSAT technology for multi-site network operation
- Lowest Round Trip Time
- Consistent latency for legacy applications

Customer Scenarios

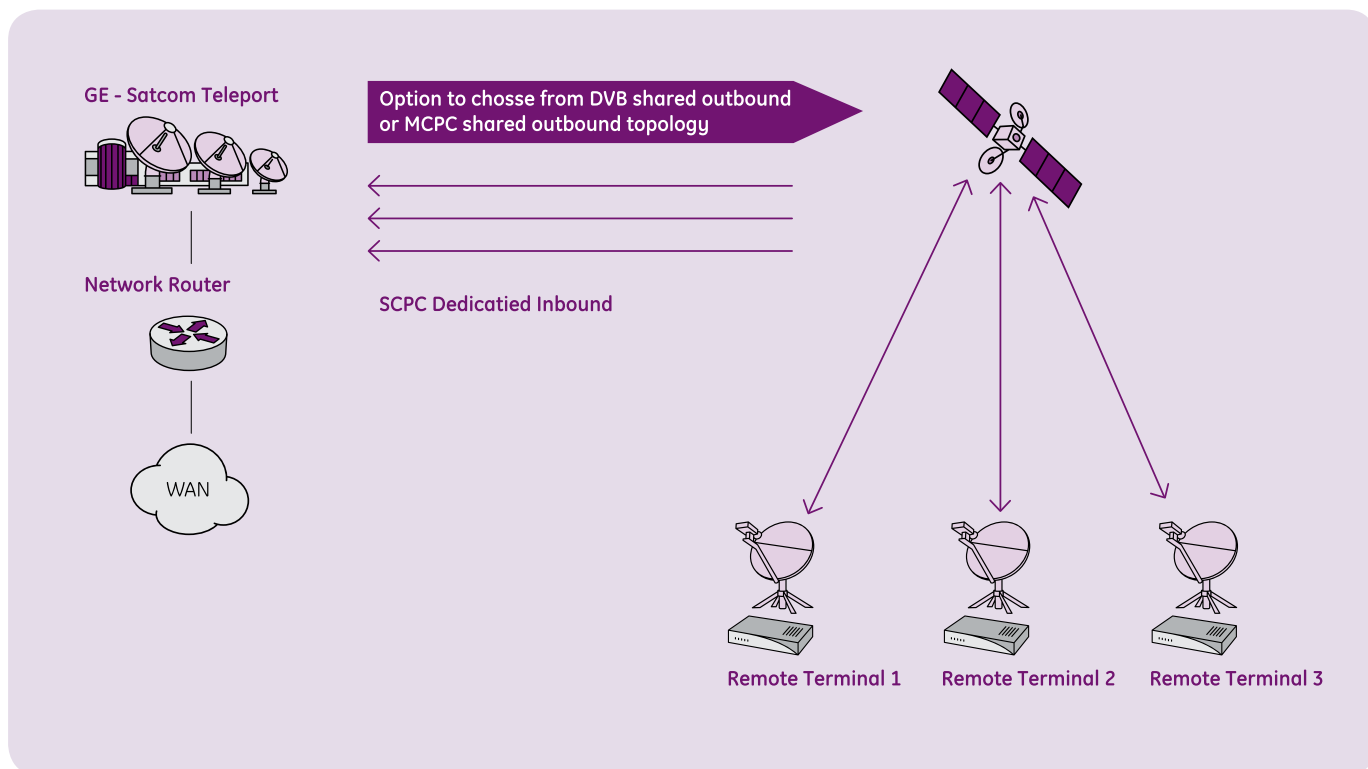
- Global embassy networks
- Oil & Gas exploration companies (onshore and offshore)
- Maritime networks (private and industrial ships)
- Backup solutions for financial institutions
- International manufacturing plants
- Logistics enterprises with remote offices
- GSM backhaul and Internet trunking for mobile operators and ISPs

Applications

- Extend Corporate data management and operation systems globally
- Managed backup / business continuity
- High speed and large volume voice / video / data transmission
- Internet access / IP-VPN
- VoIP and analogue voice
- Video streaming



Satlynx SCPC (Multisite)*



* Multisite configuration, also available as point-to-point

Technical Excellence

- Full managed service: engineering design, logistics, installation, operation and maintenance
- 24 x 7 technical support
- Centralised Network Management from our two Teleports in Germany and Switzerland
- Licence procurement
- Redundant service and equipment as an option

Equipment Overview

- Outdoor unit Transmitter: 2W – 100W
Ku- or C-band Receiver: standard LNB
- Antenna: 120 cm to 380 cm
- Indoor unit SCPC and DVB-S2 type modems and compression
VCU:VSAT Control Unit for remote monitor and control
- Fast Ethernet, Gig Ethernet, Fiber
- External Interface: 10 base-T Ethernet, E1 or serial
- Voice interface: FXS, FXO, E&M, BRI, PRI, G.703
- Compression and acceleration, optional

Optional Hub

- Solution dependent hub or hub-less
- Robust network with intrusion detection
- Redundant terrestrial services and Internet connections, if required



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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