Infrastructure Development - Port Sector

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Becoming a world - class centre of naval activity is recognised as one of the key initiatives in the 'Mahinda Chinthana - Vision for the Future'. Sri Lanka as a dynamic global shipping hub is a strategically important economic nerve centre of the world. Accordingly, the government seeks to enhance Sri Lanka's naval services in order to make Sri Lanka a most sought after and efficient port for global shipping lines and maritime cargo operations. Once these infrastructure upgrades take place, thousands of Sri Lankans are expected to benefit with direct employment opportunities in the ports and maritime sectors.

Intelligent Solutions for the Port Sector

SLT has continuously worked towards being a technology enabler and innovative ICT solutions company, by combining the latest ICT developments to meet customer requirements. As the premier telecommunications service provider in Sri Lanka, SLT is committed to shape the naval services landscape of our nation. SLT has had a highly successful track record with its Ports Authority and naval services projects in the recent past. SLT's infrastructure can be reliably used for typical naval operations such as:

- Port automation operations
- Planning, monitoring and control applications for ports
- Logistics management (end-to-end shipping supply chain solutions)
- Global e-commerce applications
- Legacy systems upgrades / data integration
- Infrastructure upgrades
- Migration
- Maintenance
- Support / help desk
- Network security

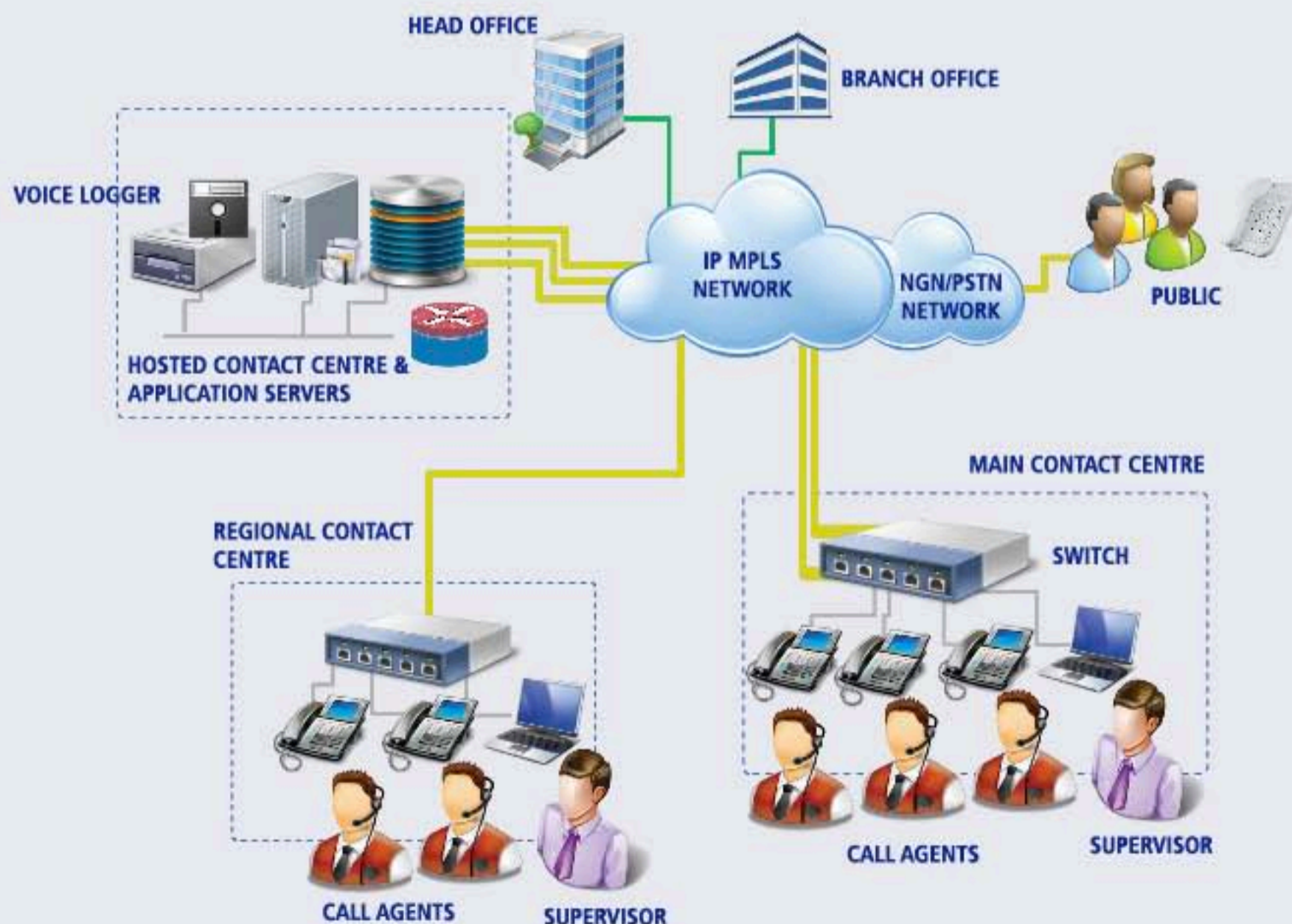# Proposed Intelligent Solutions by SLT

In the ever-changing world of technology, businesses are constantly seeking reliable ICT solutions to enhance their business needs. Through Intelligent Solutions, Sri Lanka Telecom provides services to businesses to meet their needs in order to achieve their organisational goals. With Intelligent Solutions customers could obtain comprehensive solutions to their requirements by integrating appropriate product portfolios such as Voice, Networking, Data Hosting and Managed Services.

Unified Communication Services

Sri Lanka Telecom PLC is the market leader in fixed voice communication in the country. SLT provides premium quality voice services through its state-of-the-art Next Generation Network (NGN) infrastructure, which is built upon an optical fibre transmission network. With its unmatched wired access network comprising both copper and fibre cables, SLT ensures the highest quality and most reliable voice services for enterprise customers.

SLT also provides Business IVR, Business Trunking, Centrex and Hotline services to further enhance customer relationships while streamlining communication among various stake-holders of the business.
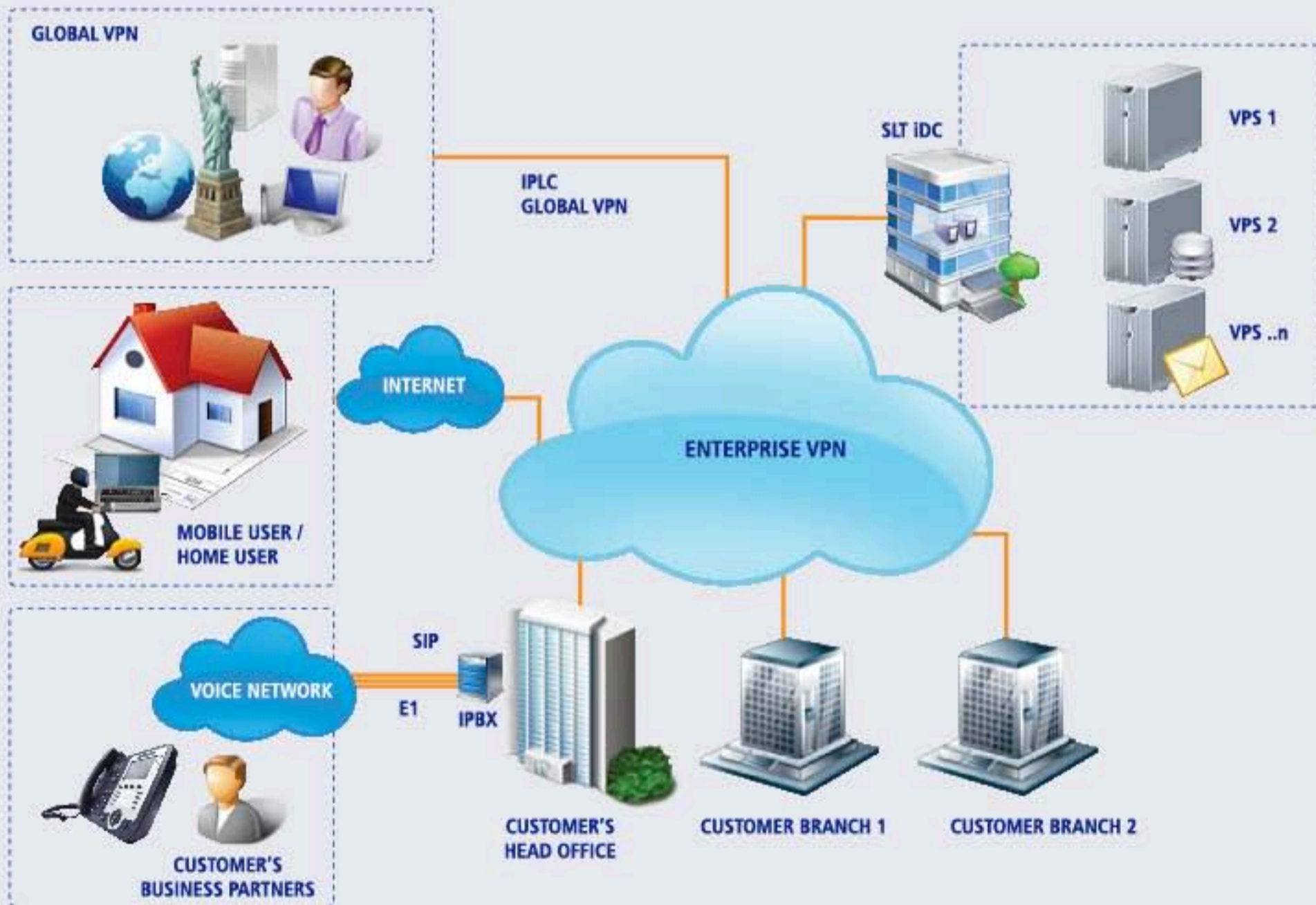
Contact centre solution

Network Services

SLT networking services offer you the following benefits by leveraging on SLT's Next Generation Network (NGN) based on state-of-the-art technologies such as G.SHDSL, Metro / Carrier Ethernet and IP-MPLS;

- Comprehensive coverage through a state-of-the-art network to all parts of the country

- Superior quality and performance by connecting your offices through fibre and wire line networks

- Availability and resiliency in the last mile network for your business critical links through optical fibre ring architectures

- High speed (10Gbps) to low speed (64Kbps) options depending on traffic volume and business requirement

- Real time data transmission by prioritising traffic within the network to support real time applications such as voice, video, multimedia and business critical data

- End to end service manageability and excellent service levels through a 24/7 Network Operating Centre (SLT NOC) and island wide Operations and Maintenance Centres (OPMC)
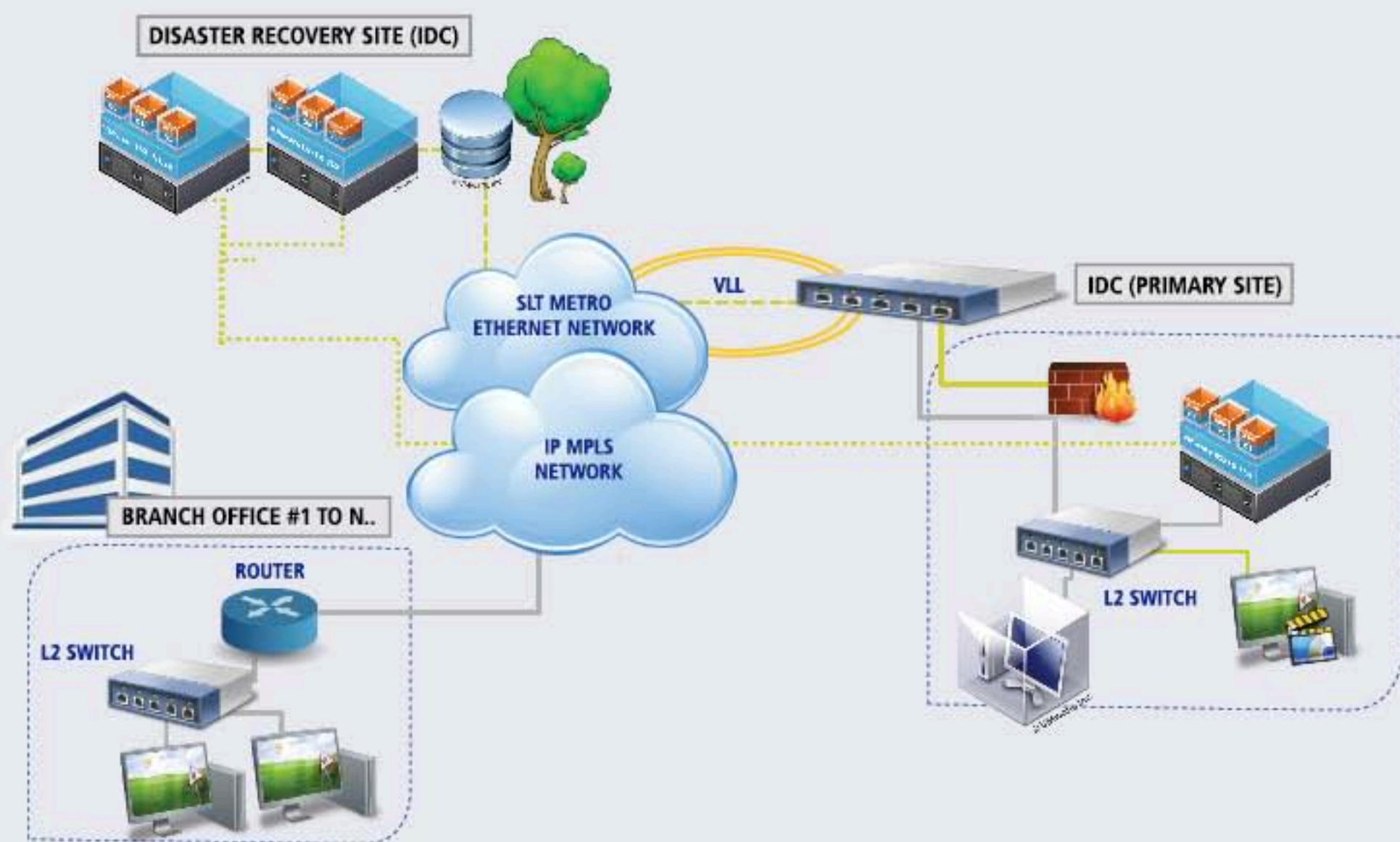
Total integrated network solution

GLOBAL VPN

SLT iDC

VPS 1

VPS 2

VPS ..n

IPLC
GLOBAL VPN

INTERNET

ENTERPRISE VPN

MOBILE USER /
HOME USER

SIP

VOICE NETWORK

E1   IPBX

CUSTOMER'S
HEAD OFFICE

CUSTOMER BRANCH 1

CUSTOMER BRANCH 2

CUSTOMER'S
BUSINESS PARTNERS

Network Services

- **IP VPN**
  - Multipoint-to-multipoint connectivity between peer institutions (or branches)
  - Can be extended to sites located overseas

- **Metro Ethernet/Carrier Ethernet Solutions**
  - Multipoint-to-multipoint connectivity between peer institutions (or branches)
  - Offers more control in the connectivity solution to the subscriber
  - Delivered on top of widely available optical fibre network

- **Business Internet Line**
  - Dedicated internet for educational purposes (with content filtering based on customised access policies)
  - To facilitate e-learning activities
  - Delivered on top of widely available optical fibre network (depending on the bandwidth)

- **Global Business Data Line**
  - Dedicated connectivity between peer institutions located in different countries
  - Forms the basis for content delivery and lecturing via collaboration platforms

- **Managed Services**
  - Enterprise networking
  - PABX solutions
  - Call centre services
  - Collaboration services
  - Audio and video conferencing

Data Hosting & Managed Services

Data Hosting solutions are a comprehensive suite of services to host and manage mission critical infrastructure and applications through a rich portfolio of flexible hosting solutions including shared hosting, co-location, dedicated hosting, cloud computing and internet bandwidth, application services, to managed services and audio, video streaming solutions. Services will be hosted at one of our world class data centres, ensuring complete reliability, security, low TCO, scalability, support and peace of mind.
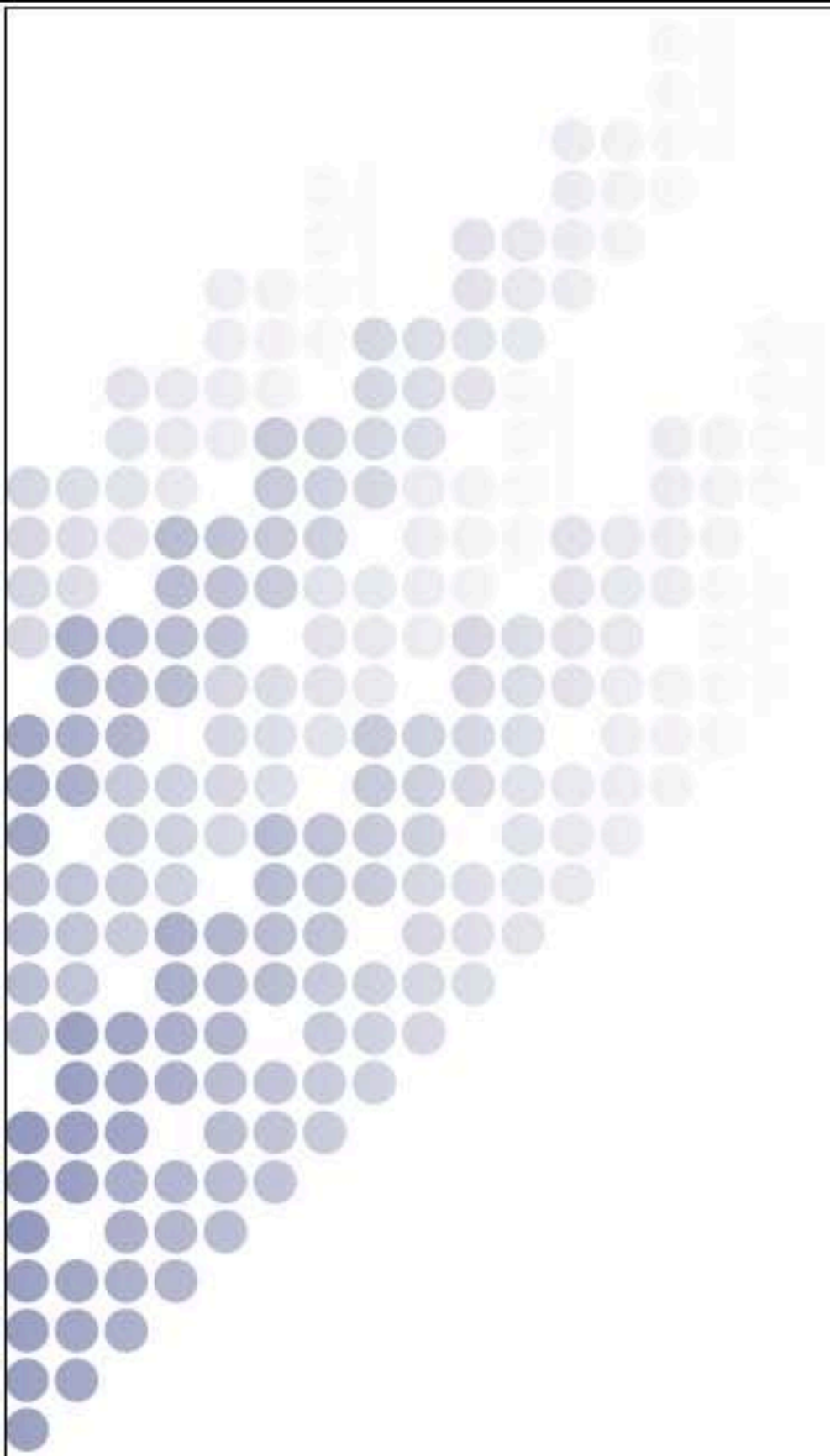
Data hosting solution

Customer Benefits:

- Low total cost of ownership

- Comprehensive monitoring and management options from availability monitoring to component availability management to end-to-end performance management.

- Scalability and customised services to take care of all future needs

- Tailor-made solutions to meet your particular needs

- Industry-leading portal and reporting services for optimum control and visibility

- Faster deployment of services for faster time to market

- Eliminates the threat of obsolescence

- Complete peace of mind to help you focus on core business

SLT is in the process of developing many more industry specific solutions and business applications in the context of cloud computing. Our vision is to enable our enterprise customers in different industry segments to consider completely outsourced ICT solutions. These services can be offered as a managed service eliminating significant upfront investments for premise based ICT infrastructure. SLT will enable enterprises to start small and grow based on demand within a "pay as you grow" business model. It is also important to note that SLT maintains the highest data security standards and integrity by hosting all your valuable information at our state-of-the-art data centres.

Please contact our staff to further discuss and understand your specific business requirements and to develop tailor-made ICT solutions.

Sri Lanka Telecom
One Country. One Voice.