Universities and Educational Institutes

CHOGM 2013
Sri Lanka
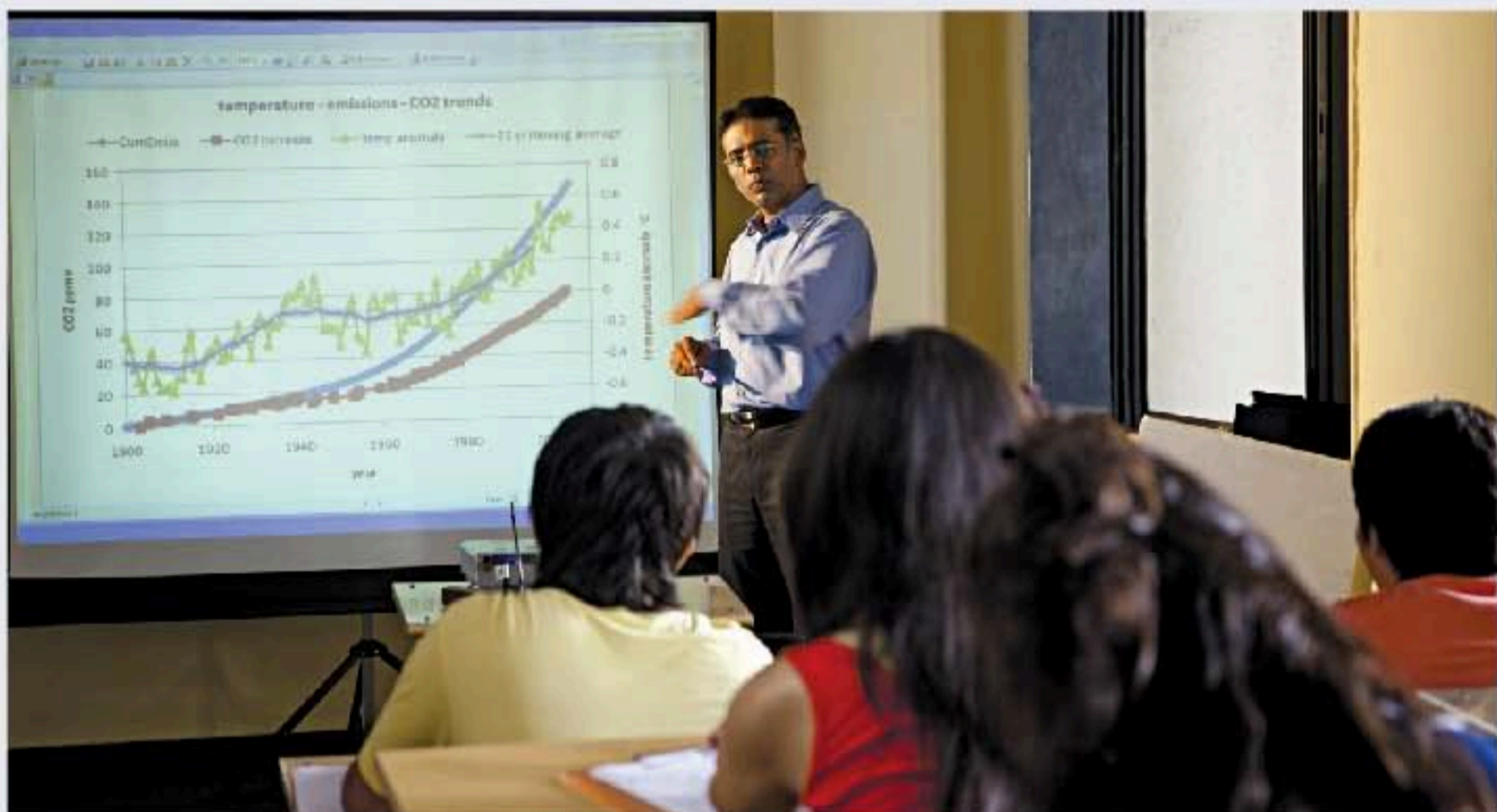
Universities and Educational Institutes

Education is recognised as one of the key initiatives in the 'Mahinda Chinthana - Vision for the Future'. Sri Lanka's education and knowledge systems will be restructured to transform the nation into a key hub for knowledge and learning in the world.

As a part of this process, significant changes will be brought about in the educational and administrative structure of universities, technical colleges, tertiary and secondary education institutions. Additional educational programmes associated with communication, naval operations, aeronautics and more will be developed in order to nurture trained individuals in these fields. Training programmes that directly target foreign markets will be commenced as well.

Intelligent Solutions for the Education 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 education landscape of our nation. SLT has had a highly successful track record with its projects such as LEARN, SchoolNet and NODES which were undertaken on behalf of the Ministry of Education and Higher Education.

From SLT's product portfolio, the following can be offered to effectively address the ICT requirements of universities and educational institutes.

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.

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)

Network Services

Total Integrated network solution

Diagram labels:

- GLOBAL VPN
- SLT iDC
- VPS 1
- VPS 2
- VPS ..n
- IPLC GLOBAL VPN
- INTERNET
- ENTERPRISE VPN
- MOBILE USER / HOME USER
- SIP
- E1
- IPBX
- VOICE NETWORK
- 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 in 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

- **Wi-Fi Services**

Wi-Fi is widely required at unversities and educational Institutues where students need to access online information related to their subject and knowledge building activities. SLT Wi-Fi solutions enable the universities and educational institutions to allow secure internet access from anywhere at anytime within the campus.

Video conferencing solutions

SLT's web based video conferencing service extends the boundaries of enterprise video communications. VideoMeet caters to high performance video conferencing needs of businesses. A rich communication experience is guaranteed to users with voice, video and data collaboration features. VideoMeet features built-in state-of-the-art audio and video technologies delivered through Internet or IP VPN connectivity.

Key Features:

- Interactive audio / video communication services to conduct:
  - Board meetings
  - Lectures and training
  - Presentations and demonstrations
- Low cost / bandwidth optimised service
- Plug and play access with audio visual hardware devices
- On-demand service offerings
- Display the conference participants in a split screen
- Built-in security features
- Intelligent adjustment of resolution based on available bandwidth

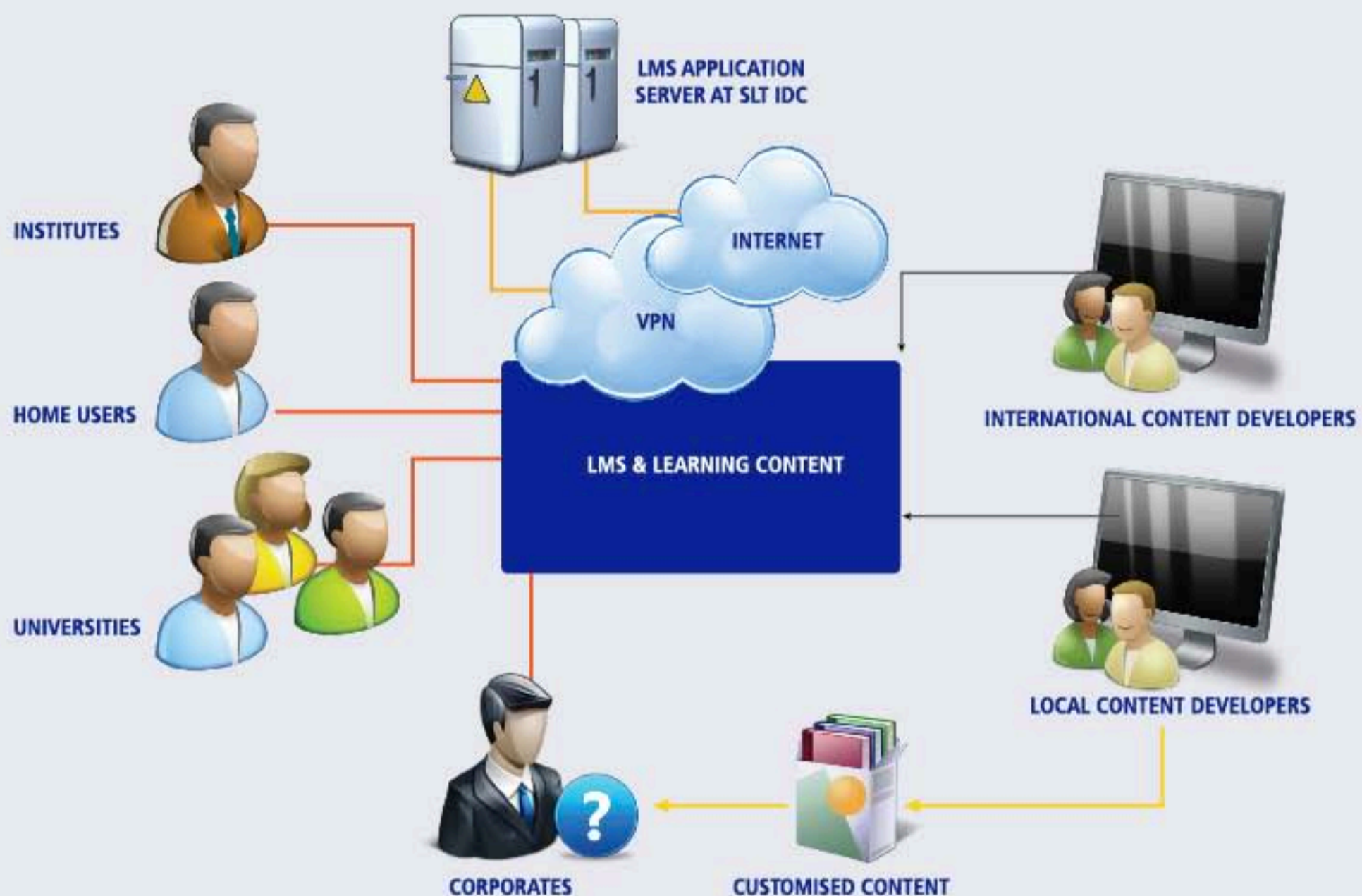*VCON distance learning solution*

Learning Management Services

SLT constantly engages with partners and evaluates technologies that bring innovative learning applications such as digital multimedia-rich teaching and learning resources to schools.

We envision providing a cloud-based environment that can host educational content and applications which can be delivered seamlessly on a utility-based model. This will allow greater flexibility and scalability, allowing students to use these resources anywhere at any time.

With these strengths and testimonials, and other ongoing initiatives to offer the latest ICT offerings, SLT is well-poised to deliver more applications to transform the education and learning industry.

SLT eLearning solution

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.