Staying relevant in today’s business landscape requires attracting talented personnel and providing regular trainings. For training a geographically dispersed workforce, you need an efficient way to share information across regions, countries and continents. While online training offers opportunities to instruct hundreds of employees over great distances, it presents challenges for organizations with limited budgets or remote employees who live in regions with unreliable Internet connections.

Technology is evolving at an increasing rate, and companies that can leverage these new systems and solutions will sharpen their competitive edge. Web-based training can be an effective method, but how can organizations that are constrained by budgets or lack reliable Internet connection leverage the web to teach the vital skills and techniques?

Bespoke solution for online training

Tata Communications Live Classroom is a cloud-based/on-premise e-learning solution that can help companies train their employees in a flexible yet cost-effective environment. As opposed to using regular web conferencing solutions, Live Classroom offers advanced features and capabilities, allowing you to host virtual classrooms that deliver an environment similar to a physical classroom.

The service not only allows you to connect thousands of participants together, but provides key classroom features such as ‘over the shoulder’ view, integration with smart boards, LDAP integration, inbuilt messaging, screen-sharing, white boarding and polling to name a few.

Use-Cases

- Distance learning
- Project team discussions
- HR and employee engagement
- Webcasts
- Customer/employee help sessions
- Collaboration between teams/faculty/staff/colleagues
- Access to off-campus experts
- Remote interviews
- Student counseling
**Live Classroom Features**

Tata Communications Live Classroom is user friendly for both instructors and students.

- Capability to connect up to 2000 concurrent users in a single session
- Document Sharing (Microsoft documents, pdf documents, pictures, etc.)
- Inbuilt CoS (Class of Service) and QoS (Quality of Service) which enables virtual classrooms at bandwidths as low as 100 Kbps
- Real time video streaming without any buffering
- Raise hand, quick polling, chat option, over the shoulder, application sharing, etc.
- Capture of attendance and performance records for each session
- Multiple platform support, i.e. attendees can join a session using Mac, iOS, Windows or Android platforms
- Archiving of sessions with audio, video and data recording
- Provision to integrate with H.323 based endpoints
- Provision to integrate with smart-boards for multimedia learning
- Conference scheduling directly from within MS Outlook via a plugin

**Benefits**

- Intuitive & incredibly simple to use
- Integrates contemporary video conferencing with advanced learning tools
- Flexible and highly customizable platform
- Configurable at different bandwidths and different video qualities, from SD to full HD
- Multiplatform support, clients are available for download from online app-stores
- Highly scalable platform that accommodates 2000+ concurrent participants in a single session
- Provision to integrate with digital smart boards for multimedia teaching

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Business Models

The Live Classroom service is designed to suit the business requirements of organisations of all sizes, providing flexible options to choose from:

- Hosted – This model allows you to host the hardware platform at Tata Communications’ data centres, where we provide management and maintenance services. Users within your organization only need to install the client software on their devices.
- On-premise – With Tata Communications’ support, large organisations can choose to deploy the hardware platform at their own premises.
- Event based – Suited for small organisations or for infrequent requirements, an event-based pricing structure allows you the freedom get a high ROI without the need to commit to long-term contracts.

Technical Specifications

Supported platforms
- Microsoft Windows, Mac, iOS, Android devices

System scalability
- Maximum number of concurrent users: unlimited
- Maximum number of concurrent meetings: unlimited
- Concurrent channels in full-duplex mode: from 1 to 20

Networking
- Communication between server and clients: Multicast, Unicast, Mixed Tunnelling, algorithm management for firewall traversal
- Support for Quality of Service (QoS)
- Support for HTTP and HTTPS Proxy management
- Encryption support for AES, IDEA, Blowfish, 3DES, algorithms

Audio and video
- Full-motion video channels resolution: QCIF, CIF, 4CIF, HD
- Minimum bandwidth consumption: 96Kb
- Video quality (fps): adjustable
- Echo cancellation: integrated Only
- Additional audio client support
- Up to 8 audio channels
- Audio codecs: GSM, G.72x, SPEEX, UWB, MP3

About Tata Communications

Tata Communications Limited along with its subsidiaries (Tata Communications) is a leading global provider of A New World of Communications™. With a leadership position in emerging markets, Tata Communications leverages its advanced solutions capabilities and domain expertise across its global and pan-India network to deliver managed solutions to multi-national enterprises, service providers and Indian consumers.

The Tata Communications global network includes one of the most advanced and largest submarine cable networks and a Tier-1 IP network with connectivity to more than 200 countries and territories across 400 PoPs, as well as nearly 1 million square feet of data centre and collocation space worldwide.

Tata Communications’ depth and breadth of reach in emerging markets includes leadership in Indian enterprise data services, leadership in global international voice, and strategic investments in South Africa (Neotel), Sri Lanka (Tata Communications Lanka Limited) and Nepal (United Telecom Limited). Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India.