Cognolabs is highly specialized in providing Knowledge Solutions covering integrated learning solutions to its global clients.

We offer in different Enterprises, Government, Defense, Pharma and Academic segments. Our strength lies in understanding the learning needs of any community, be it an Enterprise or an Educational institution.

Our in-depth knowledge of the Content development process and Technology integration capabilities for ELearning provides an ability to deliver a perfect learning solution. Our proved delivery methodologies allow us to offer a quality and cost-effective solution to our customers in all segments.

Cognolab’s assists its customers in handling all their learning requirements including delivery and managing class room trainings. We provide custom designed media rich e learning content. Thus, enabling effective management & delivery to our customers.

Cognolab’s services are tailor made to meet the customer’s requirements & satisfaction. We look forward to partner with different clients to implement a Total - Learning solution.

Cognolab’s specializes in three areas mainly Learning Content.

Learning Solutions.

Learning Services covering the entire gamut of Learning.
Learning Content:
- Instructional Design of Custom Content
- Develop content complying with SCORM standards
- Developing Assessment modules
- Development of content for Virtual classroom scenarios
- Re-purposing existing content into Standard compliant content
- Content Conversion from ILT to CBT, ILT to WBT and CBT to WBT
- Up gradation of the existing courseware with the revised syllabus

Learning Solutions:
- Development of Knowledge Management & Learning portals and Communication portals
- Integrating Custom Content developed with the Learning Management Systems
- Migrating Content to a different platform
- Design and development of learning management platforms
- Integrating LMS with the existing ERP systems
- Customization and Deployment of LMS/LCMS both propriety and Open Source
- Up gradation and enhancing the features of the learning platforms
- Bug fixing and Maintenance of the learning platforms

Learning Services:
- Assist organizations in providing consultancy in establishing E-Learning architecture, process and infrastructure
- Perform Learning Need Analysis and identify the learning needs of the organization
- Providing Instructor-led skill enhancement training on Linux, Open Source technologies & Jboss
Subject Matter Experts
(A pool of Internal & External consultants)

Instructional Designers
Contents Writers
Illustrators
Graphic Designers
Animators
Media Integrators
Test Engineers
Visualizers
Software Engineers

Authoring Tools
Captivate, Macromedia Flash
Mx 2004, Authorware, Breeze, Dreamweaver, FrontPage, 3D Studio Max, Maya

Simulation Tools
Macromedia, Captivate, Rapid Builder, View let Builder

Collaboration
Tools Webex, Learnlink, Centra Eliminate, 3D Studio max, Maya

Portal Framework

LMS
Lotus Learning Space, Net Dimensions, WebCT, Blackboard, Aspen, Intralearn, Saba LS, Sun Enterprise Learning Platform, LAMs, Sakaiproject, Moodle, CALMS

Learning Content Management System
Total LCMS, Top Class, SAP LS, eSSentail, Atutor 1.4.3, CALMS

Digital Content
Complaint with SCORM, AICC, IMS, Sec 508 Moodle
Solution Delivery Process

Content Development Process

A competent team of SMEs, Instructional designers and the graphic team produce standards compliant content. The process of content development in a generic scenario is as follows:

Process of gaining SME services for Content Development:
Cognolabs is connected to a large talented pool of SMEs proficient in wide range of subjects and follows a stringent Process in qualifying the right SME for a particular course development

Gather Client Requirements
Query the Database of SMEs

Short list resumes on the basis of years of academic or work experience in the subject

Yes Matches Requirements

No Identify a SME with qualifications and perform a Knowledge Transfer with the help of customer

Discussions with the SMEs on the requirements
Client Interview
SME selected
Delivery Mechanism throughout the project phases:

**Content requirements specifications documents** → **Analysis**
- Clarification, efforts estimation, team structure, delivery
- Learner profile, system requirements, delivery platform, authorising to olGUI & navigation plan

**Design requirements specifications document** → **Design**
- Proof of content
- Course objectives, GUI design, test item selection, Instructional approach, and strategy Storyboarding
- Sample GUI, Interactivity elements, navigation, style sheets

**Content approved POC and Storyboard** → **Rapid Prototyping**
- Functional Prototype
- Sample GUI, Interactivity elements, navigation, style sheets

**Storyboard, ID document, Instructional, content** → **Production**
- Graphics and media elements ready for Integration
- Creation of graphics animation, audio, and the media elements

**Storyboard, ID document, Instructional content, graphics and other media elements** → **Integration**
- E-Learning Module
- Content integration, Media integration preparing for development

**Integrated e-learning module** → **Integration**
- Deliverable E-Learning Module
- Content QA testing, functional testing, Bug fixing Deployment on the chosen platform

LMS integration Process:

- **Environment Analysis**
- **Solution Identification**
- **Evaluation of Options**
- **Customization of selected LMS**
- **Implementation of Solution**
- **Integration with existing system**
- **Substance and Maintenance**
E-Learning for Enterprises

An enterprise stands out from others in the way it responds to fulfill the Corporate training Requirements. In order to fulfill the learning needs of such diverse audience, any modern learning organization needs to have a good blend of Instructor who can lead training and E-learning.

“Knowledge is of paramount importance in this era of the Information world”.

Cognolabs helps enterprises in designing & mentoring their learning solutions that directly helps customers improve their business productivity. Today’s people are extremely mobile and are not confined to the office blocks/training rooms or seminar halls to improve their knowledge and skills. “Today world need everything at their footsteps” In order to deliver the training to the trainee desk, Organizations are required to embrace innovative and proven E-learning tools and technologies to facilitate smooth and accurate delivery of requisite courses to employees wherever they are. Consistent and effective usage of such tools and technologies drives a strong learning curve in the Organization leading to creation of a Corporate Knowledge Centre in which all the employees play a key role of stakeholder in contributing to its success. This Center shall be the Central hub for delivering all the required training to the employees electronically and shall have all the conventional features of management and monitoring of the training courses and the usage of the same. These features shall be the integral part of the E-learning modules.

Solution Offering

- Training Need Analysis
- Just-in-Time Learning Course Design & Development
- Collaborative Learning Portal
- Legacy Content Conversion
- Company Product E-Learning course development
- LMC/LCMS Customization & Implementation
- Administration & Maintenance
- Assessment modules development

Verticals

- IT
- Soft skills
- Pharmaceuticals
- Telecom
- Banking
- Insurance
- Healthcare
- Hospitality
- Engineering
- Biotechnology and more

Frame work Diagram
E-Learning for Education Segment

The globalization of education is increasing rapidly and the geographical barriers for students subscribing to the courses are breaking down every day. With the Internet technology taking the center stage and serving as the backbone in delivering the courses to the students who are dispersed across different parts of the globe, it has become extremely important for Educational institutions to adopt innovative E-Learning tools and technologies to deliver the training to the discerning student through various media. This will serve as an excellent reinforcement tool to the conventional educational delivery Mechanisms.

Such combination of e Learning with classroom teaching creates a powerful synergy that offers students the best of both worlds in a blended solution.

The key scenarios that we address are K-12, Higher segment and Distance Education

Solution Offering

- Learning Management
- Portals
- Assessments
- Digital content
- Mobile Learning
- Administrative/ERP implementations and integration
- Maintaining & upgrading network & IT infrastructure
- Distributed learning solutions
- Enterprise level portals
- Online-student services
- Virtual campus building
- Educational intranets

Frame work Diagram

3rd Party providers (other Uni’s, Publishers, Web Services)

Business Intelligence (Statistical Info, AI, Performance Matrics, Forecasting)
Success Stories

Client: Rehabilitation Council of India (Government of India)

The Rehabilitation Council of India (RCI) is a statutory body under the aegis of the Ministry of Social Justice & Empowerment (then Ministry of Social Welfare) to standardize and maintain uniform standards of training of professionals.

Project I: Online Course Delivery

Delivery of several courses to cater all levels of students across India through Cognolabs unique CALMS (Content Authoring and Learning Management System) online learning engine.

CALMS is a world class integrated online learning environment that helps students, individuals and institutions in enhancing their knowledge, skills and learning abilities. CALMS offer its services mainly to the institutions that have training on regular basis and to the individual learners like students (for their regular courses), employees (for refreshing, enhancing and updating with new requirements) and knowledge seekers (to learn new information).

Pedagogy: Narration, Case study

Project II: Development of Foundation Course on Education of Children with Disabilities

The requirement was to design the foundation course on education for children with disabilities. This course deals with the various aspects related to disability, its types, the types of schools for the disabled and the methods of teaching. The course was developed keeping in mind the need to present it in an easy-to-understand and educative style. A good merge of animations and still graphics along with voice over and online assessments was used all through the course.

Pedagogy: Narration, Case study

Project III: Development of Foundation Course on Education of Children with Learning Disabilities

The requirement was to design the foundation course on education for children with learning disabilities. Learning disabilities have become an invisible barrier that comes in the way of learning and cuts across all ages and socio-economic classes. The course was developed with a good blend of graphics and interactive animations, aiming to present this field of new approach towards education, in an easy and educative way.

Pedagogy: Narration, Case study
Client: Ministry of Human Resource Development (Government of India)

Project: Online Course Delivery

Delivery of online course to train 60 lakhs teachers across India through Cognolabs unique CALMS (Content Authoring and Learning Management System) online learning engine.

CALMS is a world class integrated online learning environment that helps students, individuals and institutions in enhancing their knowledge, skills and learning abilities. CALMS offer its services mainly to the institutions that have training on regular basis and to the individual learners like students (for their regular courses), employees (for refreshing, enhancing and updating with new requirements) and knowledge seekers (to learn new information).

Client: National Institute of Rural Development (Government of India)

Project: Pre-harvest Management for Lac Production

The requirement was to convert the given content on Lac pre harvest management into a structured online material. The material was converted into web based training material, using good merge of animations along with voice over. Assessments and activities were incorporated in the material to enhance the scope of learning.

Pedagogy: Narration, Case study
Course: The Matrix of Employability

The requirement was to design and develop a 30hr capsule of conceptual and system simulation training module. The application was a global order handling system for container booking. This stands as one of the most significant examples in leveraging the e-Learning technology tools to develop a near real life simulation module effecting quality delivery of the training. The entire development was undertaken in an offshore model. The project was executed by applying a structured delivery model, wherein there was continuous interaction with the story boarders and the operational team of the client. This resulted in significant savings in the development costs.

Pedagogy: Storytelling, Narration, Case study

Course: Project Management Professional (PMP)

Project management has always been a discipline of great importance. With the increasing need of good project managers, PMP (Project Management Professional) credential, an industry-recognized certification has gained much value. This course was developed to train and equip the learner, to understand and learn the standard terminology and guidelines for project management, as laid down by the Project Management Body of Knowledge. Animations with voice over, assessments, activities and practice tests have been used to increase the scope of learning.

Pedagogy: Narration, Case study

Course: CBSE Courses

Cognolabs with its innovative online learning platform (CALMS) provides online education for Maths and Science subjects of CBSE curriculum. Learning content developed by teachers, curriculum writers, photographers and animators as per CBSE pattern. All topics covered in CBSE Courses are highly interactive online learning, assessment tools, easy to use multi-media interface, effective course content, on-demand web learning, self-paced learning with Individualized instruction and flexible learning.

Pedagogy: Narration
**Course: ICSE Courses**

Cognolabs with its innovative online learning platform (CALMS) provides online education for Maths and Science subjects of ICSE curriculum. Learning content developed by teachers, curriculum writers, photographers and animators as per ICSE pattern. All topics covered in ICSE Courses are highly interactive online learning, assessment tools, easy to use multi-media interface, effective course content, on-demand web learning, self-paced learning with Individualized instruction and flexible learning.

**Pedagogy: Narration**

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**Client: Leading Drug Manufacturer in India**

**Project: Contractor Safety Guidelines course**

The requirement was to develop Contractor Safety Guidelines course for all the contract workers to understand the safety guidelines. The course was hosted on the learning management system. The course has good mix of still graphics and animations. The entire course had voice over explaining the guidelines. The presentation style was lucid and was designed to enhance learner experience.

**Pedagogy: Narration**

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**Client: Nordic Benelux Consulting, Sweden**

**Project: Simulation Training Module**

The requirement was to design and develop a 30hr capsule of conceptual and system simulation training module. The application was a global order handling system for container booking. This stands as one of the most significant example in leveraging the e-Learning technology tools to develop a near real life simulation module effecting quality delivery of the training. The entire development was undertaken in an offshore model. The project was executed by applying a structured delivery model, wherein there was continuous interaction with the story boarders and the operational team of the client. This resulted in significant savings in the development costs.

**Pedagogy: Story based**
Why Cognolabs:

- Proven Credibility, Methodologies and Expertise in Education Vertical.
- Research backed expertise on learning capabilities and disabilities.
- Research backed most advanced and innovative ‘CARE’ technology.
- Hands on experience in developing various software and hardware products to address different learning problems.
- Backed National Technological Invention Award for the research on various tools to help disabled.
- Our experience in online learning courses which has helped thousands of learners to excel and perform better.
- Value-for-Money e-Learning solutions