

Knowledge
Economy

Skill
Development

E-learning
Excellence

KESD@E

KESDEE Learning Management System



K-LMS

KESDEE empowers your organizational learning culture through KESDEE Learning Management System (K-LMS), a software package that automates all your training activities. It is a scalable, flexible platform for managing both instructor-led and e-learning activities, resources, schedules, and courseware catalogs across the organization. With KESDEE Learning Management System, you will bring home the benefits of a high utility, comprehensive system, which will reduce your administrative efforts and costs dramatically. K-LMS promises efficient delivery of personalized courses to match the demands of a knowledge economy.

KESDEE provides K-LMS in two different models

1. K-LMS Deployment Model

KESDEE will install and configure the K-LMS on either the Intranet/Internet servers of the organization. Training is imparted on using the features of the LMS. KESDEE provides maintenance & version updates on the K-LMS annually, subject to the terms and conditions of the contract.

2. ASP Model

KESDEE will deploy and manage the K-LMS along with the IT infrastructure. Using this outsourcing model organization can benefit from hassle free access to e-learning content while having to spend less time and effort on technical support issues with respect to the IT infrastructure.

ASP model leverages the power of shared computing making it a cost-effective solution. This model comes with attractive price options based on the number of users.

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KESDEE's Enterprise Learning Management System is capable of
launching SCORM 1.2 compliant courses.

K-LMS Editions

KESDEE's Learning Management Solutions are designed as enterprise class distributed object application built on web technologies and Relational Databases. This architecture helps you to integrate KESDEE's learning solutions into your existing infrastructure with minimal effort.

KESDEE Inc offers Learning Management Solutions in two editions

K-LMS Enterprise Edition

K-LMS Enterprise Edition is an enterprise class LMS which is highly scalable and reliable. K-LMS Enterprise Edition leverages the power of J2EE Technology and is compliant to SCORM 1.2 standards.

K-LMS Custom Edition

K-LMS Custom Edition is a proprietary Non-SCORM web-based learning management system with integrated admin console for user-tracking and administration purposes.

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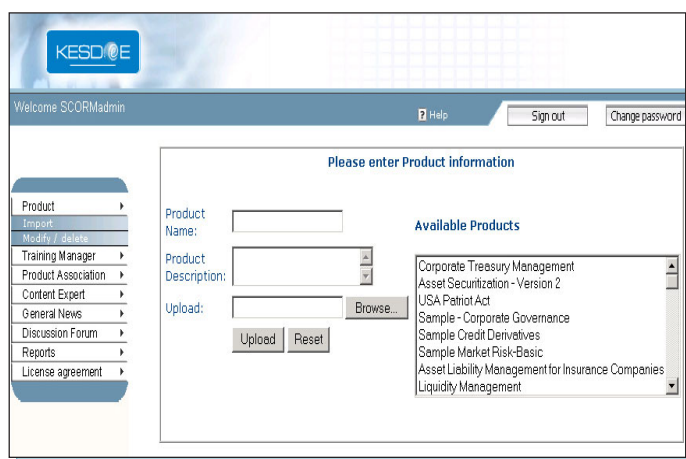
KESDEE Learning Management System helps improve your business through

- Increased accessibility
- Increased flexibility
- Lower costs through reusability
- Quick information update

K-LMS Enterprise Edition

The enterprise edition is split into two core modules:

- Administrative Control Panel
- Learning Environment



Administrative Control Panel

Administrative Control Panel allocates users with different administrative privileges to perform various administrative tasks. It supports role based privileges for the following user types:

1. Super User
2. Training Manager
3. Training Coordinator
4. Content-Expert
5. Tutor

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KESDEE Inc. offers a comprehensive, free
24 x 7 x 365 technical support for both K-LMS Enterprise Edition and Custom Edition

K-LMS Enterprise Edition

Administrative Control Panel

Super User

Super User is an administrator with all privileges to access the e-Learning portal. The administrative functions / privileges associated with the Super User are

- **Import a SCORM Compliant Course**
Allows the Super User to upload a SCORM 1.2 Compliant Course
- **Create/Modify Training Managers**
Super User can create and/or modify Training Managers
- **Associate/Disassociate Products**
Helps the Super User associate SCORM 1.2 Compliant courses to training managers with start date, end date, total number of licenses etc.
- **Create/Modify Content Expert**
Super User can create content expert to manage learners' queries
- **Post General News**
Super User can post general news on the news section of the portal
- **Manage Discussion Forum**
Super User has the privileges to add/modify a discussion forum category, manage topics and replies
- **Reports**
Super User can generate reports viz.
 - Product License Report
 - User Progress Report
 - Peak Utilization Report
 - News Report
- **Manage License Agreement**
Super User can create different license agreement for different products

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ASP model comes with attractive price options based on the number of users

K-LMS Enterprise Edition

Administrative Control Panel



Training Manager

Training Manager is an administrator who manages the tasks and has the following privileges

- **Messaging**

Helps the Training manager to communicate with learners

- **Reports**

Training Manager can generate the following learner tracking reports:

- General Reports
- Users who have started the product report
- Users who have not started the product report
- User Progress Report
- Consolidated Report
- Program Status Report
- Product Duration Report

- **Manage Groups**

Create and modify groups to manage large learner base

- **Customize Learning Path**

Training manager can customize the learning path for a group

- **Manage Training Coordinator**

Training manager can share the workload with a Training coordinator with respect to 'Reports' or 'All' privileges

- **Manage Tutor**

Training Manager can create tutors to collaborate with the learners

- **Manage User**

Training Manager can create and manage learners

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Administrative Control Panel allows the administrators to
generate user tracking reports, back office functions of discussion forum
(Add a Forum Category, Add/Modify Topics and Replies) etc.

K-LMS Enterprise Edition

Administrative Control Panel

Training Coordinator

A Training Coordinator can share the work load with the Training Manager with respect to 'Reports' or 'All' privileges

- **Training Coordinator with All Privileges**

Allows a training coordinator to function as a training manager

- **Training Coordinator with Reports Privileges**

Allows a training coordinator to generate only user tracking reports

Content-Expert

Using the features provided, the Content-Expert can do the following

- **Manage News**

Content Expert can post/modify Product Specific News

- **Messaging**

Content Expert can communicate with the learners through the messaging system

- **Chat & Discussion Forum**

Content Expert can collaborate with the learners through On-line Chat and Discussion Forum

Tutor

Tutor is an administrator to assist the learners during the process of learning. Tutors can interact with the learners through messaging, On-line Chat and Discussion Forum

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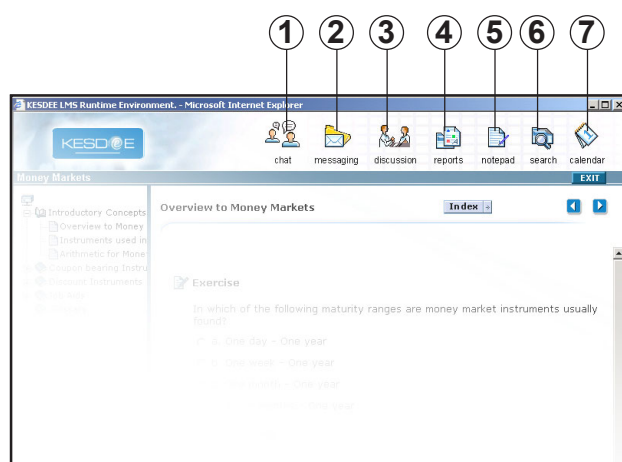
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Administrative Control Panel allows the administrators to generate user tracking reports, back office functions of discussion forum (Add a Forum Category, Add/Modify Topics and Replies) etc.

K-LMS Enterprise Edition

Learning Environment Features

Learning Environment is the place for learners to start learning the courses associated to them. **KESDEE's Enterprise Learning Management System is capable of launching SCORM 1.2 compliant courses.** It is also equipped with various utilities that aid the learner during the learning process.



1. Online Chat

This feature enables users to communicate with other online users. Users can chat, have virtual conferences or even leave messages for offline users.

2. Messaging

Users can correspond with other users, tutors, training managers, content experts and training coordinators through our Inbox /Compose facility. This feature has the option to store contact addresses.

K-LMS Supports the following Mandatory CMI Data Model elements (12 elements) and optional CMI Data Model elements (3 elements)

CMI Data Model Elements

- cmi.core._children
- cmi.core.student_id
- cmi.core.student_name
- cmi.core.lesson_location
- cmi.core.credit
- cmi.core.lesson_status
- cmi.core.entry
- cmi.core.score._children
- cmi.core.score.raw
- cmi.core.total_time
- cmi.core.exit
- cmi.core.session_time

Optional Elements

- cmi.core.score.max
- cmi.core.score.min
- cmi.core.lesson_mode

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K-LMS Enterprise Edition

Learning Environment Features

3. Discussion Forum

A virtual feature that enables collaborative interaction between users and tutors for discussion and information exchange.

4. Reports

This feature allows users to keep track of their progress. Functions such as courses covered, time taken on courses or even attempted exercises with records of the users' scores and more, are available.

5. Notepad

Facilitates as a scribble pad to note queries or important facts without interrupting the online training session. Users have an option to also view previous notes.




6. Search

This feature provides users with a quick look-up to relevant content pages based on any desired keyword. The search result pages are displayed in the order of relevance most closely matching the keyword entered.

7. Calendar

A personal organizer that permits users to add, modify or delete events for any given calendar day.

Three additional features include

-  **News:** Information is continuously updated with current reports on existing products
-  **User Guide:** A detailed set of instructions which aid product navigation, specifies system requirements and gives technical support information
-  **FAQ:** Lists the answers to the questions frequently submitted by users

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Compliance with e-Learning Industry Standards

Sharable Content Object Reference Model (SCORM)

KESDEE's Learning Management System is SCORM 1.2 compliant.

SCORM defines a web-based learning "**Run-Time Environment and Content Aggregation Model**" for learning objects. SCORM Specifications are designed, to meet the following requirements

Reusable - easily modified and used by different development tools

Accessible - can be searched and made available as needed by both learners and content developers

Interoperable - operates across a wide variety of hardware, operating systems and web browsers

Durable - does not require significant modifications with new versions of system software

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Compliance with e-Learning Industry Standards

Content-Aggregation Model

Content-Aggregation Model describes a common way of grouping and delivering the learning resources. It defines a nomenclature for the components that comprise a learning resource. It is made up of the following components

- **Assets**

Individual files like images, html, text etc.

- **Sharable Content Objects (SCO)**

Collection of Assets

- **Content Aggregations**

Defines the content structure that provides a means for defining the sequence that the learning resources are to be presented in to the user

- **Meta-data Components**

The Meta-data component is used to describe the assets, SCO's and Content Aggregation in a consistent fashion such that they can be searched and accessed across a SCORM repository. The meta-data components for Assets, SCO's and Content Aggregation are given below

- **Content Aggregation Meta-data**

- **Sharable Content Object Meta-data**

- **Asset Meta-data**

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It is a scalable, flexible platform for managing both instructor-led and e-learning activities, resources, schedules, and courseware catalogs across the organization

Compliance with e-Learning Industry Standards

Run-Time Environment

Run-Time environment that provides a common way to launch a learning resource, a common mechanism to communicate with the LMS (Learning Management System) and a predefined vocabulary forms the basis of communication. The three aspects of the Run-Time Environment are Launch, Data Model and Application Program Interface (API).

- **Launch:**

It is a mechanism that defines a common way for LMS to start learning resources

- **Data Model:**

It is a standard or pre-defined set of data-elements used to define the information being communicated, such as, the status of the learning resource etc.

- **API:**

It is the communication mechanism that informs the LMS the state of the learning resource (e.g., initialized, finished etc.) and is used to get and set data between LMS and Sharable Content Object (SCO)

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