



SCORM 2004 3rd EDITION

COMPLETE E-LEARNING SOLUTION

USER FRIENDLY AND INTUITIVE

About Ascendia

With over 7000 interactive eLearning elements developed over the course of 7 years, 12 complete applications of EduTeca Collection, over 500 hours of educational courses for both corporations and schools, iPhone and Android educational games as well as multiplayer game engines, 3D simulations and web portals, Ascendia has established itself as a major eLearning solutions provider.

About Coffee LMS

Our Learning Management System was built starting from a simple, yet very clear mission: to bring an efficient and easy to use solution to meet the user's needs and expectations regarding computer enhanced education.

- ✓ Customizable Look & Feel
- ✓ Performance Tuned
- ✓ Security Enhancements
- ✓ Distributable And Scalable
- ✓ Major Standards Compliant
- ✓ Accessibility & Multi-Lingual
- ✓ Professional Technical Support



General Features



Customizable interface	Customization of the Coffee LMS to suit your company's or institution's elements of corporate culture, logo and branding.
Multi-language Support	Support for Asian, Unicode and Right-to-left languages as well as multi-language packs available as extensions.
Easy - Intuitive - User Friendly	The Coffee LMS provides an intuitive and natural user experience with a simple human interface for a more productive study – teaching activity.
Notification System	Internal workflow engine that enable notifications and reminders for a wide range of events.
Better communication	With Skype integration, offline messages, chat and a „wall-like” board, Coffee LMS enables better communication between everyone involved in the teaching-learning process.
Advanced reporting	Ability to generate charts and reports on different relevant criteria, at a few clicks away.
History and Performance	Ability to monitor student performance, keep scores evidence and maintain an evaluation system to reflect overall progress and performance of the learning process.
Increased Security	The platform provides optional encryption for stored content as well as a custom permission system to enable increased security.
Performance & Scalability	Coffee LMS is scalable, fast and secure, being optimized for both the free backbone solutions like MySQL database management systems and Tomcat Apache application server, as well as for professional solutions like IBM DB2 database management systems and IBM Websphere application servers.
Easy Installation	With our easy to deploy procedure is easy to install, configure and get up and running the Coffee LMS, within just a few hours.
Multiple Built-in Roles	Built-in roles enable a more specific cohesion of the Coffee LMS and a more streamlined teaching process. They are: administrator, instructor, student, secretary . Secured authentication per user according to his role ensures both privacy and a safe teaching environment.
SCORM and AICC compliance	Standards compliance is one of our most important goals, providing SCORM 2004 3rd Edition support for content packages. Our LMS is compliant with SCORM and AIC.

Features for Students



Board	The central place to pick up news, notifications and read your messages. This can be seen as a dissemination area. The board gives the ability to comment and discuss various topics pertaining to the learning process and topics. The board follows a „wall-like” functionality with filtering, easy searching and archiving.
Curriculum	Students are able to see their study curriculum, to enroll to optional courses and plan ahead their learning experience. They have tools like status, filters or search within the available materials.
Performance	Using the history and performance features, a student is able to monitor his overall performance with course progress tracking and test performance history.
Classroom	Providing SCORM compliant content, Coffee LMS comes integrated with a SCORM 2004 Player , to provide a rich and complete range of study tools within the virtual classroom. Additional materials such as PDF lectures, mp3 audio materials as well as mp4 video materials can also be engaged from within our platform (provided the necessary browser plugins are installed).
Organizer	Students have the ability to organize their courses and their personal curriculum for each group they belong to. This way they can examine their progress and engage courses that are not due. They can also browse additional reference materials such as PDFs and audio-video materials that act as course support material.
Advanced search	Streamlined across the entire platform, the intuitive filtered search enables a student to find everything he needs with great ease within each module.
Comments & feedback	Making comments on important ideas while in the classroom is essential to help the student engage better important information. The platform allows students to make comments and thus provide feedback on the courses they take. In this way, the trainers can improve the material and critical thinking is encouraged.
Communication	A student has a wide range of tools for communicating with other students or instructors. These are offline messaging (with threads), instant messaging, board discussions and resource feedback are facilitated throughout the entire platform.
Performance Reports	The performance module enables students to view their progress as well as results to tests and general statistics of their group and peers. Besides offering a great motivation boost, this module serves as a clear indicator of learning objectives achievement.
Test taking	An important part of teaching is the assessment of its effectiveness by objectively measuring performance gains. A student can take SCORM compliant tests and assess his progress for specific areas or simply pass the required objectives.

Features for Instructors



Board	The central place to pick up general interest news, notifications and read messages, with the ability to post rich text news and discuss various topics pertaining to the learning process is the board. The board follows a „wall-like” functionality, filtered searching and archiving of irrelevant items.
Curriculum	Instructors are able to build and organize the study curriculum for each group they are instructing, thus planning ahead the learning experience of their students. They can also add, remove, filter or search the available materials.
Performance and Scores	Using the history and performance features, an instructor is able to monitor his students overall performance as well as manually asses their performance if needed.
Classroom Preview	Providing SCORM compliant content, Coffee LMS allows instructors to experience the content as a student would using sandbox mode.
Library	The Library provides access to all educational material provided on the Coffee LMS. Instructors may browse library references and also provide additional materials by uploading SCORM content packages or simple .pdf, .mp3 or .mp4 materials.
Advanced search	Streamlined across the entire platform, the intuitive filtered search enables an instructor to find everything he needs with great ease, within each module.
Comments & references	Adding comments and references to courses improves their educational value and also helps an instructor underline important aspects not mentioned in the materials provided. An instructor also benefits from course feedback provided by his students.
Communication	An instructor has a wide range of tools for communication to choose from. Threaded offline messaging, instant messaging, board discussions and resource feedback are facilitated throughout the entire platform.
Tests	Ability to provide tests (multiple choice, open question, fill-in, etc) and thus set learning goals and performance assessments for students. Instructors also can view statistical data regarding their student test-taking results in an easily printable format.

Features for Secretaries



Board	Providing a coherent set of functionalities, like for any other role, the central place to pick up general interest news, notifications and read messages remains the board. The board follows a „wall-like” functionality, filtered searching and archiving of irrelevant items.
Easy Reporting	Being able to report performance for groups of students or individual students and viewing their statistical performance comparison is one of the central features available for secretaries. They are given as graphs, charts and tabular data in printable format.
Curricula Report	The ability to view all available information for a particular curriculum pertaining to a student within a group.
Course Statistics	The ability to view a statistical graph and various important measurements for a course as applied to all students of a certain group. This report is useful in identifying normal curves and calibrating course materials.
Group Statistics	The ability to view a statistical graph and various important measurements for a group performance overall as applied to all its students and courses. This could provide useful in assessing group progress.
Catalogue	A detailed catalogue in which all performance grades are recorded for any given student on any course (and its activities) within any group.
Automatic Notification	The platform is able to send automated notifications defined by the secretaries upon certain events such as periodic e-mail reports regarding user history, performance or course history.
Advanced search	Streamlined across the entire platform, the intuitive filtered search enables a secretary to find everything he needs with great ease.
General Status Reports	Reports containing information that is general in nature such as total number of courses per platform or number of students enrolled for a particular course.
Communication	A secretary has a access to the following tools for communicating with other users: threaded offline messaging, instant messaging and board discussions.

Features for Administrators



Board	The central place to pick up general interest news, notifications and read messages for administrators too is the board. The board follows a „wall-like” functionality, filtered searching and archiving of irrelevant items. Administrators can perform any change to the entire board system, granting permissions and also posting news or censoring unfitting posts. This „wall” can also be seen as a dissemination tool.
Department Administration	Ability to create, modify or delete departments for the institution. Administrators can then assign instructors to departments and establish an internal policy or organization given the large flexibility provided by the Coffee LMS by not imposing a strict organizational system.
User Administration	Ability to create, modify or delete users and also assign them to groups or departments. Thus an administrator can create instructors, students and secretaries but also new administrators. At least one administrator must exist at any one given time within the platform. A complete policy for administrative operations is available in the Administration Guide provided with the LMS upon deployment.
Group Administration	Ability to define, modify or remove groups. An administrator may also assign students to a group and can grant or revoke the permission to do so to instructors or even secretaries (depending on your institution policy).
Library Operations	The administrators are able to modify the contents of the library, upload SCORM content packages or other kind of resources.
Easy Maintenance	The Coffee LMS is easy to maintain, administer and back-up. We provide back-up tools, import/export tools and SCORM compatibility to ease up migration of content.
Automatic Notification	The administrator is able to define automated notifications upon certain events such as periodic notifications for maintenance or course start reminders or platform-wide administrative changes.
Advanced search	Streamlined across the entire platform, the intuitive filtered search enables an administrator to find everything he needs with great ease within each module.
Communication	Administrators have access to the following tools for communicating with other users: offline threaded messaging, instant messaging and board discussions.
Security and Reliability	The Coffee LMS is specifically designed to take advantage of the latest database management systems, by providing secured content, scalability and better protection against data loss or corruption.

Technical Requirements

Recommended Coffee LMS middleware installation requirements*

Operating systems:

- Microsoft Windows XP/Server/Vista/7 or better
- Ubuntu Linux 10 or better

EasyClass has proven compatibility with the following **Web servers**:

- the free Apache Tomcat 6/7 on Windows, Linux and Mac OS X Server
- IBM WebSphere 6.1, IBM WebSphere 7

EasyClass has proven compatibility with the following **DBMS's**:

- the free MySQL 5.1
- IBM DB2 v9.5
- Any Relational Database that can be integrated with WebSphere

Minimum Recommended installation system requirements*

Processor: Intel Pentium IV based PC with Hyperthreading (or better)

Processor speed: 2800 MHz (or better)

Operating system: Windows, Linux, MacOS

Web server: Apache Tomcat 7

Database: MySQL 5.1

Disk space: 1 GB free hard drive space for system files.

Memory: 8GB RAM (or more)

*These installation requirements are a general guideline only. Since the actual user and course capacity may vary, the requirements provide an estimated optimal value. The number of users which can be supported on the Coffee LMS is directly dependent upon the memory and bandwidth capacity of the host server. Coffee is scalable to meet the capacity that the host server provides.

Coffee LMS can work on a wide range of system configurations. For a complete list of potentially supported operating systems or server technologies or database management systems please contact us at office@ascendia.ro.