

Cross Media Learning Management System

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<http://www.disit.dsi.unifi.it>



The **Cross Media Learning Management System, XLMS**, is a scalable, customizable, modular solution which allows covering a large range of different solutions:

- Collaborative portal for project management;
- Conference web site with social networking support;
- Research project management and promotion;
- WEB, WebTV, IPTV portal with social support;
- Best practice network, for business intelligence and content distribution <http://www.eclap.eu>;
- Sharing news/blog portal and content distribution network: <http://bagnet.apretoscana.org> ;
- Community management for association and technological parks;
- Learning Management Systems with a large range of media types and client devices (see <http://idraulica.axmedis.org>, <http://mobmed.axmedis.org>);
- Content distribution for PC and mobile:
 - iPad, iPhone: free download on Apple's App Store the "Mobile Medicine" and coming soon as "Content Organizer";
 - Windows Mobile: free download of tool for on <http://mobmed.axmedis.org>;
 - Free download for Android.



The **XLMS** solution:

- Accelerates the creation of knowledge and its capitalization, externalization;
- Establishes and reinforces the community cohesion among users;
- Stimulates information sharing and ideas among users;
- Improves brand awareness and user fidelity;
- Supports the users on a large range of devices, browsers and operating systems;
- Collects and capitalizes knowledge of users, indexing any kind of content ingested and information provided.

Administration capabilities, fully configurable

- Create groups, forums, events, taxonomies, etc.;
- General interface and infrastructure management:
 - Graphic layout and capabilities;
 - Configurable user interface and activated features;
 - Configurable multilingual interface;
- User management and user behavior analysis;
- Configure user roles, group coordinator, trusted users, validator, enricher, publisher, etc.;
- Content and content workflow management, integration with standard workflow management systems;
- Automated content management and processing
- Monitoring performance: content accesses, users' behavior, query, social networking, groups activities;
- User manual, see for example on: <http://www.eclap.eu/eclap-user-manual.pdf>

Content Organizer and Players for iPhone and mobiles

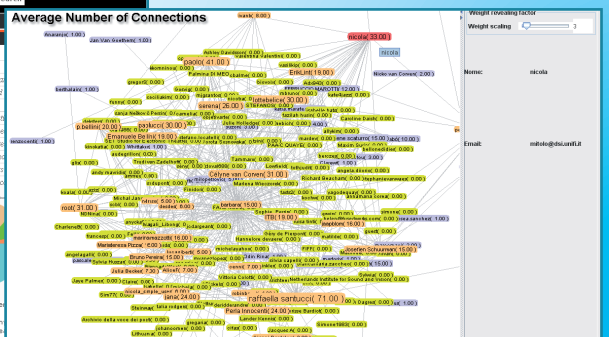
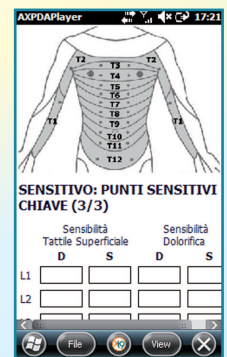
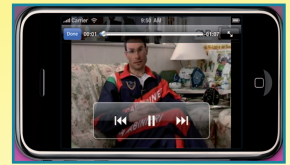
- Collect and organize your content in the user's device, branding mobile applications;
- Cross media distribution for iPad, iPhone, Windows Mobile, Android:
 - Free download on Apple's App Store the "Mobile Medicine" and coming soon as "Content Organizer";
 - Free download of tool for Windows Mobile on <http://mobmed.axmedis.org>;
 - Free download for Android;
- Browse and search, off-line access;
- Local suggestions on the basis of personal profile and behavior.

XLMS is scalable and reconfigurable. It is provided as appliance or virtual machine, and can be deployed on single virtual machine for small businesses as well as on multitier configurations to manage large volume of content and users and content distributions, including support for CDN, Content Delivering Network. In those cases, the backoffice is based on AXCP Media Grid that may be allocated on multiple nodes, for: ingestion, indexing, advertising, licensing, recommendations, transcoding, repurposing, distributing, CDN control, similarity estimation, etc.



The main area features of **XLMS** are:

- Networking and business intelligence
 - Social networking with: groups, channels, blog, newsletters, events and calendar, wiki, ...;
 - Group networking with their: web pages, forums, blog, content, collections, newsletter;
 - Promotion of content on other social networks;
 - Comments and rating content: media, web pages, blogs, events, ...;
 - Content and user recommendations and suggestions, and/or advertising;
 - Personalization of group management;
 - Project management, tasks, Gantt, milestones, etc.;
 - Events; event, groups, users, newsletter subscriptions.
- User management
 - User profiling, static and dynamic profiling, personal web pages;
 - List of friends/colleagues, suggested colleagues;
 - List of preferred and promoted content;
 - Production of suggestions and recommendations;
 - Production of personal collections: private and public;
 - Import of contacts from other social networks;
 - Access to on line user manual;
 - Personalization of user interface and feature.
- Content management
 - Content and metadata management, versioning, logging, error recovering;
 - Content preview and metadata editing of each content element;
 - Configurable and extensible multilingual metadata;
 - Multilingual Taxonomical classification, tags;
 - Single and massive content upload, via multiple FTP, HTTP, files, batch processes, etc.;
 - Automated content ingestion and processing, user generated content;
 - Automated content repurposing, adaptation of more than 400 formats: any video, any audio, any image, documents, slides, ebook, mpeg-21, html, etc.;
 - IPR Wizard to profile conditional access of content, DRM and CAS support;
 - Distribution of content towards any platform, any browser, PC and Mobiles (iPad, iPhone, Android, Windows Phone);
 - Presentation of metadata: general, classification, technical, semantics classification, extended, IPR, tags, etc.;
 - Keyword cloud, query monitoring and cloud;
 - Support for P2P distribution and HTTP download.
- Indexing and search
 - Multilingual and fuzzy indexing and search, for any kind of content and interactive content: audio, video, images, documents (full text), ebook, checklists, procedures, web pages, comments, events, issues, slides, pdf, excel, word, ppt, pptx, tools, etc.;
 - Multi faceted results: metadata and classification, content kind, time of upload, etc.;
 - Advanced search: and-/or-ed conditions;
 - Browsing content via lists: most relevant, less relevant, featured, most rated, suggested, last uploaded, etc.;
 - Browsing content via taxonomical classification, groups, uploader user, etc..
- e-Learning
 - Courses managed as standard Learning Management Systems;
 - Content aggregations: playlists, collections, comments, annotations and synchronization;
 - Continuous Medical Education;
 - Full support for PC, mobiles and LIM.



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