Rapid Single-Source Content Development

Xyleme allows you to streamline and scale your content strategy while dramatically reducing the time to market for your training products. It provides a highly efficient single-source content development platform for authoring and rapid reuse of content across any print or digital format. With Xyleme, training content is centrally located, converted into 100 percent native XML, and available on demand for developing online courses, printed materials, slides, ebooks, mobile or tablet outputs, and performance support.

Xyleme content management for learning and development helps instructional designers and subject-matter experts:

- Write learning content once and deliver it across multiple formats, freeing time and reducing duplicate and redundant content
- Accelerate content development to meet the pace of business and demands of learners
- Collaborate with authors effectively, reducing rework time and increasing reuse

Product Highlights

- Single-source development platform
- Flexible authoring tools
- Print, Web and Mobile output templates
- Legacy and proprietary content import to learning objects
- Secure, easy-to-use collaboration tools with workflow reporting
- Localization at source, or export to standards compliant translation tools
Author

Xyleme provides a rich web-based interface for an effortless content development experience, and a consistent and structured authoring process designed to promote high-quality training materials.

Users have secure access through a web browser to quickly access training templates that are formatted, branded and stored in the same central repository as content. This allows users to easily access all of the tools needed to rapidly develop new, customized and derivative materials.

Flexible

Xyleme provides the flexibility to organize and structure training content with an authoring method that best fits organizational needs.

Editor

A structured, topic-based editor guides document development without requiring any technical knowledge of XML. All content is created in an open, extensible XML format that can quickly adapt to new output modalities as they emerge.

Template Manager

Customizable training templates support any instructional design methodology and provide flexibility in content creation while ensuring compliance with corporate standards and guidelines.

Drag-and-Drop for Rapid Reuse

Learning objects can be quickly reused through drag-and-drop editing into multiple learning products. This enables effortless content reuse by eliminating the cumbersome and risky tasks of cutting, pasting and reformatting.
Interactive Content

Users can produce rich training materials with a wide variety of built-in activity and question types, and enhance their content with support for video, audio, Adobe Flash, PowerPoint slides and JavaScript components.

Content Tagging

Leverage the built-in classification editor to define your own taxonomy vocabularies and tag the content down to the level of granularity of your choice. The classification information can be used in searches and can also be leveraged at delivery time through Xyleme’s cloud delivery solution, enabling personalized recommendations based on user profiles.

Search

Users can build and save granular queries on any combination of text, XML structure, object properties, workflow data or metadata. This ensures faster and better retrieval of content to drive efficient content reuse and rapid development for training materials.

Media Management

The media manager provides direct access to either internal or external media drives or an enterprise repository. It allows users to open, edit and save media in their native applications, such as Adobe/Macromedia products, directly from Xyleme. All media can be tagged with metadata for easy search and reuse.

| Import DOC | Transforms Microsoft Word documents into configurable XML structures so they can be used natively within Xyleme to create a full range of blended learning materials. It extracts images from those Word documents and saves them in the Xyleme media manager. |
| Import PPT | Imports the original PowerPoint file and transforms the presentation content to XML so it can be used natively within Xyleme to create a full range of blended learning materials. It extracts images from those PowerPoint presentations and saves them in the Xyleme media manager. |
| Other Formats | Xyleme also imports unstructured content from .zip and media files into the media manager. Supported media file formats include .html, .jpeg, .jpg, .png, .gif, .svg, .tif, .tiff, .eps, .avi, .mov, .swf, .flv, .mp3, .mp4 and .wav. For other text-based content, such as HTML, QTI, DITA, XML, SQL database, Xyleme can work with your experts to develop custom import scripts for one-time or ongoing use. |
Leverage your existing content

Xyleme provides out-of-the-box functionality to automatically import learning content from multiple formats and transform it to XML. Unlike other learning content management vendors that simply cannot import legacy content, Xyleme enables integration and conversion of learning content from legacy applications, other functional applications and proprietary content management systems. This allows you to achieve the maximum ROI of your learning content investment through open, platform-agnostic content that can be output to any delivery modality and can conform to any industry standard.

Manage

Flexible and Collaborative

Within Xyleme, each learning object, rather than an entire document, is an independent asset. As a result, any number of learning objects can be simultaneously checked in/out, previewed, edited, reviewed, or sent through the Xyleme built-in production workflow. This enables parallel project development to optimize collaboration and improve time to market.

Task Management & Workflow

Instructional designers can create tasks for each piece of content, define the requirements and deadline, and assign it to users.

Subject Matter Experts (SMEs) can be assigned content and easily add or update content via the Editor. This facilitates collaboration and management of geographically dispersed SMEs.

Check-In/Check-Out

Locks the selected learning object for exclusive editing while not affecting its children, and allows learning objects to be developed in parallel by multiple subject matter experts.

Advanced Versioning

Allows each version to be opened, previewed, edited and compared with previous versions or rolled forward, and allows users to track changes and avoid content losses as content goes through the editorial life cycle.

Security

All learning objects in Xyleme have associated security metadata that define user access and type of access (administer, read, update). The security model supports both users and groups so permissions can be easily defined at each level.

Review Engine

Allows users to initiate a review, choose the review format and select one or more reviewers. Content is locked during the review session, and each comment is associated to the corresponding piece of content and flagged to keep track of its status. The full history of comments is available at any time. The review engine enables real-time collaboration during the review process and ensures all users are reviewing the same content.
Project Management

Xyleme provides the ability to build production schedules for your projects. You can now manage and track the development of a specific training product or individual outputs associated with it. To start your project, you define your own workflow, add tasks to the plan with the corresponding estimated dates, and define the resource requirements. You can then drag and drop to link tasks to content objects. While the project is running, the team can set revised date estimates and actual dates once a particular task is finished.

The Production Scheduling feature provides project visibility to managers through a report engine to follow the progress of the different projects and tasks. The reporting is very flexible, and managers can filter the projects and tasks using many different filters to accommodate their business requirements.

Publish

Publish on Demand to Print, Web or Mobile

With Xyleme’s single-source platform, content is created once as reusable learning objects that can be effortlessly repurposed and reassembled into custom training content and output to print, web, eReader, mobile or tablet format. Since all content is created and stored as open, platform-agnostic XML, your content is ready to be immediately leveraged through new formats as they emerge.

Templates Manager

Templates govern the presentation and output format. Multiple publishing templates can be applied to a single piece of content. This enables on-demand, single-source publishing to any output format while ensuring consistency in presentation, branding, look and feel across all blended learning products.

XML Format

Templates are built in open, platform-neutral XML that separates content from presentation. This eliminates wasteful processes such as cutting, pasting, reformatting and importing/exporting content when reusing across multiple delivery formats.

Every day, Xyleme helps organizations transform their learning content into a high-performing business asset.
Automated Style Definitions
The structure, navigation and sequencing of a course is automatically generated rather than authored. This speeds up the development process by allowing reference materials such as tables of content, glossaries, indexes, tables and others to be generated on the fly.

Cloud Publishing
Content can be published directly from Studio to the Content Delivery Service (CDS) that stores and intelligently manages content as individual learning objects. CDS provides a centralized repository for published learning content that can be delivered to users on any application, system or device.

Print-to-Web Transformation
Enables the same content to be presented as both responsive web content and high-quality print output. This allows a single source of content to be automatically adapted to the output format.

Custom Single-Source Publishing
Because all content is stored in platform-neutral XML, new custom publishing outputs from the same source content can be easily implemented. This is the basis for Xyleme's reusability model, which ensures your content is future proof. You author the content once and leverage it across many output formats, applications and devices.
Print Outputs

**Supported formats:** Microsoft Word, PowerPoint, and PDF

**Instructional design documents:** Design documents, storyboards, production reports

**Instructor-led materials:** Student guides, instructor guides, instructor program support materials, handout packs, slide decks, quizzes, exam bubble sheets/answer keys, flashcards

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Mobile-ready Learning

**Responsive eLearning and Slides**

Traditional and modern HTML5 templates for eLearning and interactive slides that adapt automatically for iPhone, iPad, Android smart phones, Android tablets, Windows Mobile devices directly in the browser.

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Web Outputs

**eLearning**

Online courses with support for SCORM 2004, SCORM 1.2, Common Cartridge-compliant courseware, AICC AGR 10-compliant courseware, plus online exam IMS QTI

**Performance Support**

Online knowledge bases, exportable help files, reference materials, job aids, wall charts

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Translate

**Enable Localization at the Authoring Stage**

Translation functionality, based on open standards such as XLIFF, has been integrated with Xyleme to make localization part of the core learning content life cycle. Users can maintain a single source of content while adapting content as needed to multiple audience requirements such as branding and cultural differences. This eliminates the after-the-fact approaches to localization and translation to enable efficient and scalable content strategies.
XLIFF Support

XLIFF (XML Localization Interchange File Format) is an XML-based format created to standardize translation and localization. From Xyleme, you can now export your master content to XLIFF, get it translated by a third-party vendor or use existing translation tools, and import it back to obtain the translated version of your document.

Variable Text

Designate words or terminology as variables and then dynamically substitute those words at the point of publishing (e.g. “ize” vs. “ise” for American and British English, respectively). This allows you to maintain a single source of content while adapting on the fly to multiple audience requirements such as product names, branding and cultural differences.

Export to Third-party Tools

Generate XML files and administer the communication of these files to and from external translation vendors. Manage any incremental changes that occur.

Also facilitate working with translation service vendors by managing the workflow of sending and receiving translated content.

Side-by-Side Translation

Translate content object by object, view side by side, and set flags to identify the state of translation. This speeds up the internal translation process by allowing for dispersed translation and the quick identification of content status for an object.

Compare

Compare two versions of the same content and identify insertions, deletions and amendments. Detail the types of changes made to the content.

Use in conjunction with other translation features to identify, on demand, the status of content after it is sent for translation.
A sustainable, mobile content strategy requires that all of your Instructional Designers can create mobile learning without needing to know how to program HTML5 and CSS.

Xyleme has built responsive templates that you can easily brand and tailor to suit your organization’s learning needs.