Composica ©

Web-based e-Learning Authoring

Product Features

Composica Enterprise is an advanced web-based e-learning authoring system offering high flexibility and an abundance of features to collaboratively create quality e-learning content.

Rich Environment.

Composica Enterprise offers full control over the way elements appear and behave. Authors are never limited to a set of predefined templates or styles.

Every element on the screen can be visually customized using a responsive properties grid that has the ability to control any detail of the element's appearance and behavior. Each change in the properties grid is immediately inflicted upon the selected object(s), eliminating the need for complex dialogs and highly improving the speed of development.

Collaboration.

Building e-Learning content with Composica Enterprise is a truly collaborative experience. Authors, designers, subject matter experts and reviewers collaborate using a sophisticated groupware authoring environment. Each individual team member works through a browser interface to author content stored in a central location. The system manages development tasks for each team member, while allowing real-time supervision. Its objects and layers control makes sharing and reusing content even more powerful, allowing authors to work on the content, while designers can simultaneously work on the overall course appearance.

- ◉ Web-based real-time collaboration.
- ◉ Page-level lock out control.
- ◉ Centralized objects repository.
- ◉ Built-in task management.

Task Management.

A quick and flexible built-in tasks system helps streamline the course development process. Tasks may be added by both developers and reviewers, making it a perfect tool to use in the SME review process. Tasks can be attached to any page, chapter, or other resource in the course. Tasks also make the job easier for managers, who enjoy a realtime overview of the development progress using detailed task reports.

- ◉ Easily assign, receive, close, and modify tasks.
- ◉ Perfect for course reviewing by SMEs or colleagues.
- ◉ Track progress and overall development status with task reports.

Rapid Authoring.

Composica Enterprise offers rapid course authoring features without compromising on flexibility and sophistication. Authors using Composica Enterprise report a high increase in productivity and a major decrease in development time, of up to 70% at times.

- ◉ Familiar Windows-like WYSIWYG authoring interface.
- ◉ Authors can use existing templates, customize existing templates, or start from scratch.
- ◉ Themes and visual inheritance to ensure consistency within and across projects.
- ◉ Pre-designed interactions can easily be dropped onto a page.
- ◉ Highly reusable Widgets, Master Layers, Dynamic Layers make authoring fast and smooth.
- ◉ Immediate and reliable preview, without any need of compilation or any other processing.
- ◉ Highly efficient development cycle due to the collaborative nature of the application.

Reusability.

Composica Enterprise's object oriented approach provides unprecedented control over the efficient reusability of content and its logic. It separates the content, its appearance and its behavior. The look and feel of each course can be swapped out even after the content has been organized because the system keeps styles, navigation rules, and persistent graphics in distinct layers and objects, which are separate from the learning content.

- Multiple layer control.
- Reusable assets, Themes, learning objects, and widgets.
- Comprehensive inheritance - "build once" approach

High Interactivity.

Composica Enterprise offers a variety of e-Learning exercises and interactions. These can be easily dropped onto the document, and are immediately functional, without any need for programming or configuring complex dialogs. Interactions aren't limited to a specific look - authors are always free to change and customize any part of the interaction. Interactions are also highly flexible and rich, by simply tweaking a few properties authors can quickly create sophisticated interactive learning experiences.

- Multiple choice - single or multiple correct answers, unlimited number of choices.
- Drag and Drop - sorting, sequencing, and matching questions.
- Fill in the Blank - typing or selecting the missing words/patterns.
- Hot Spots - create dynamic time-based or event-based scenarios.
- Hot Words - easily enhance textual content.
- Point and Click.
- And more!

A highly configurable feedback element is included with all question types to enable precise and fully customizable feedbacks when required. All interactions can contain any type of media (images, movies, animation, sound), as well as make use of visual effects. Interactions may also be limited in time, using visual timer elements.

Powerful Assessments.

Assessment creation is easy yet powerful. Every interactive assessment feature imagined can be easily implemented using simple objects and widgets with no programming or scripting. Composica Enterprise supports single or multi chapter tests with predetermined or randomly assigned questions and includes a sophisticated grading mechanism that allows assignment of different weights per chapter or question.

- Questions repository supporting dynamic and self adapting questions.
- Immediate test result calculation and presentation.
- Immediate feedback per question or a feedback summary at the end of the test.
- Optionally allows reviewing and retaking the test when the student fails.
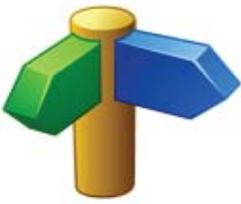
Serious Games.

Serious Games employ powerful motivational elements such as competition, humor, and the satisfaction of winning through applying a skill. Composica Enterprise's Mind Games allow authors to utilize these elements and create enjoyable experiences from which learners gain knowledge.

- Games are an extension of assessments, and therefore support all features offered by assessments - including SCORM reporting.
- All interaction types may be used inside a game.
- Five different games are currently available, each can be customized to the finest detail.

Dynamic Navigation.

Composica Enterprise features a large set of navigation elements. These can be used to create the precise course interface and progression scheme the author desires. Authors can create simple page-turners, as well as sophisticated branched navigation schemes, and anything in between.

A variety of elements can be dropped onto any page or layer, and be completely customized without any programming:

- Navigation buttons - Next, Previous, Up, Exit and more.
- Breadcrumbs, Locator, Progress Bar.
- Various menus: Tree Menu, Compact Menu, and many more.
- Timers, Popups and more.

Templates come with ready sets of navigation elements, which can be easily enhanced, modified or removed. The different navigation elements are automatically updated in runtime to reflect the course flow. For example, authors never need to manually create each item in a menu to reflect the course outline, all they need to do is simply drop in a menu element and preview the page - items are automatically generated.

PowerPoint Integration.

Composica Enterprise makes it quick and easy to migrate existing content created in PowerPoint into a Composica course. On top of various linking and embedding options of PowerPoint presentations, a presentation can be directly imported into a course with various options.

- Import all slides or just a selected set of slides.
- Resize and position the imported slides on the page.
- Import comments and tasks from the source presentation.
- The imported slides become fully editable, like any other native content.

Effects.

Adding effects and applying visual transitions to elements is a breeze with Composica Enterprise.

- A large set of effects to choose from, each with its own configurable properties.
- Easy to hide, show, and loop elements on the page.
- Full control over the order, time, and delay of effects.
- Immediate preview.
- Effects can be applied to interactive elements, including Feedbacks and Hot-Spots.

Tagging.

Courses can be easily organized by tagging and categorizing them. They can then be found by searching for a tag or a combination of tags any time a course needs to be selected.

- Dynamic tag creation, unlimited number of tags.
- Multiple tags per course.
- Enhanced search by tags.
- Tags can be color-coded.

Publish Options.

Courses can be easily published using any of the available delivery methods:

- Web Server
- Zip File
- SCORM 1.2
- SCORM 2004
- Executable Application
- Installation Package

e-Learning Standards.

Composica is proud to be a great supporter of e-Learning standards. Composica Enterprise is fully SCORM 1.2, SCORM 2004 and AICC PENS conformant.

These standards make it exceptionally easy for Composica courses to seamlessly integrate with standard Learning Management Systems. Performance data down to the test item analysis level is captured and passed on to the LMS for management and reporting purposes. A metadata editor allows for the creation of extended course related metadata, which the Learning Management Systems can use to better categorize and distribute the content.

- ADL SCORM 1.2 and 2004 conformant.
- Extended meta-data creation

Hosted or Installed.

Composica Enterprise is available as both an on-demand solution (ASP/SaaS) hosted on our servers, or as an installed solution on the customer's servers.

The installed solution is ideal for customers such as banks, government departments, and other large organizations, which often disallow Internet access for security reasons. The hosted solution is ideal for small to medium size businesses.

Note that both of these deployment options offer the exact same set of features.

Multi-Lingual.

Composica Enterprise features extensive multi-lingual support. Courses can be written in any language, including East-Asian and Middle-Eastern languages. Right-to-left authors benefit greatly, as this does not only apply to the writing direction, but also to the entire layout direction (elements may be positioned relatively to the right and flow to the right). It is even possible to take a left-to-right layout and, with a single click, reverse the layout flow to use right-to-left, optionally including flipping of images.

Additionally, the Composica Enterprise user interface itself is available in multiple languages, including Chinese.