Rustici Engine

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Powering hundreds of learning systems

Rustici Engine integrates directly into your application to manage import, launch and tracking of standards-based content and store xAPI statements in the included LRS. Rustici Engine supports all of the major eLearning standards including SCORM 1.2, SCORM 2004, xAPI, cmi5, AICC and PENS.

- Save development time today and always by offloading standards support

- Deliver your content to be compatible with all your customer's requirements

- Launch content on mobile devices, enable 508 compliance and support 25+ languages.

Provide more content options to your customers

Prebuilt API integrations connect your users directly to content libraries to enable seamless search and import functionality within your application.

Support even more content types

Engine now supports video and PDF files and stores results alongside other data, making it easier to support microlearning and other learning formats.

Leverage built in reporting functionality

Engine's reporting extension consolidates all of the Engine data, no matter the standard, so that you can offer your customers beautiful reports.

Integrated xAPI support and built-in LRS

An LRS is essential to your learning application when it comes to tracking, collecting and sharing xAPI data. Engine's conformant LRS handles it all.

Compatible across all platforms

With a fully responsive player and support for delivering and tracking offline SCORM courses, Engine covers all of the bases for a mobile friendly application.

Enjoy top notch, delightful support

Our team is with you every step of the way by phone, email or virtual meetings. We help you get started, troubleshoot and upgrade when you're ready.

Blackboard

The challenge

Blackboard's Ultra experience in Learn offers a dynamic, modern and mobile-friendly interface for instructors and students. As part of its continued development work, Blackboard was looking to update the content player to improve the mobile learning experience. Along with adding a mobile-friendly SCORM player to Learn, Blackboard also wanted to provide a more accessible player and to improve support for right-to-left languages.

The solution

Rustici Engine plays a pivotal role in both the Learn Original and Ultra experiences, handling the delivery and tracking for all SCORM, AICC and xAPI packaged content. The modern player available in Rustici Engine is optimized for mobile learning and features a responsive design to automatically adjust the display, size and position of the title, progress bar and navigation controls of the SCORM player as well as the position of the course menu. The new modern player in Rustici Engine also offers more accessibility for keyboard navigation and screen reader use to support 508 compliance and supports right to left languages.

Highlights

With Rustici Engine, the team at Blackboard is able to

- Meet the challenge of providing optimized mobile interactions and more inclusive learning experiences when it comes to delivering SCORM, AICC and xAPI packaged content in the Learn platform.

- Direct their developer resources to focus on evolving the overall Learn platform and Ultra experience, leaving the details of SCORM support to the experts.

- Improve language support in Learn leveraging Rustici Engine's support of 26 languages in the user facing player, including right-to-left languages.

- Provide a more inclusive learner experience using Engine's modern player that is now more accessible for keyboard navigation and easily cooperates with screen readers.

Rustici Engine integrates with your application via an API and can be deployed in a few ways based on your needs and specific requirements:

On-premise

Deploy on your own servers with built-in support for SQL Server, Oracle, PostgreSQL and MySQL.

Managed hosting

Avoid the hassle of hosting yourself and ensure you always have the latest version running.

SaaS

Integrate with the Engine API via SCORM Cloud to enjoy no start up costs and pay-as-you-go monthly fees.