Blue Sky Broadcast and SCORM/Tin Can Information

Blue Sky uses SCORM.com Cloud as our SCORM engine. We chose this integrated platform as it allows us to support virtually every SCORM and AICC package in an easy-to-manage interface that our clients can manage directly.

Scorm.com is a cloud service for hosting SCORM content which we integrated with so it works behind the scenes with our system to allow clients to leverage their SCORM or AICC content in our system natively.

Here is an example of the workflow:

1) Client provides the SCORM content package that was created in Articulate Storyline, Captivate, Brainshark, or similar 3rd party tool.
2) Client admin will see course item type in Path called SCORM (next to other course items, such as presentation, survey, assessment, certificate, etc.)
3) Client admin uploads the file to Path, and Path automatically syncs the content with their SCORM.COM account.
4) The end user launches the content package, which is opened in a new tab.
5) As the user finishes the SCORM content (whatever it may be), Path pulls back pass/fail or complete/incomplete. Basic reporting is available in Path, and the Client admin can run more detailed reports on SCORM.for additional info.
6) The user on the Path site can still take the pre-test, post-test, evaluation built in Path. SCORM content packages can be mixed directly into Path's Course object to take advantage features like prerequisites and access control (ecommerce, group pricing and access, SSO, etc.) outside of the SCORM content itself.

SCORM.COM Fees
- Fees are passed through on the scorm.com
- Fees are based on how many people take the course
- Published pricing http://scorm.com/scorm-solved/scorm-cloud-pricing/
- Client would actually be setup directly in the system so they could choose their own Scorm.com tier and get billed directly.
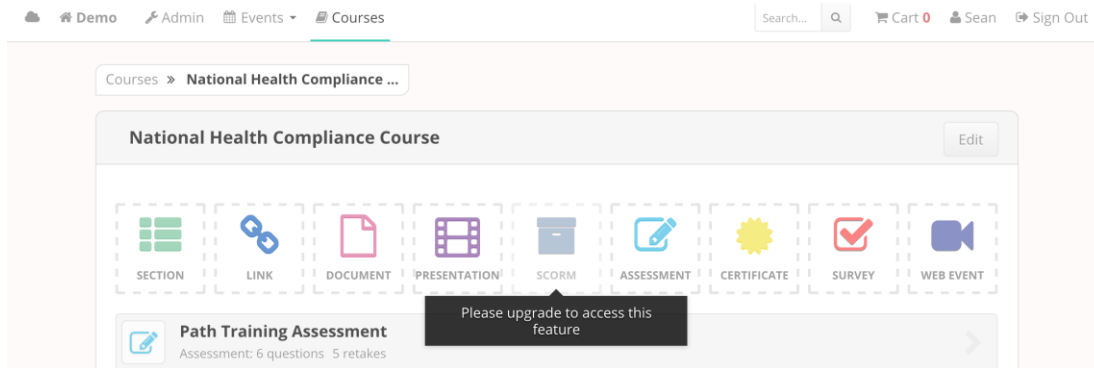
Good Reads:
Read: SCORM Explained
Read: What the Experience API Is—and Why You Should Care

PathLMS integrates directly with [SCORM Cloud](#) to support SCORM, AICC, and Tin Can.
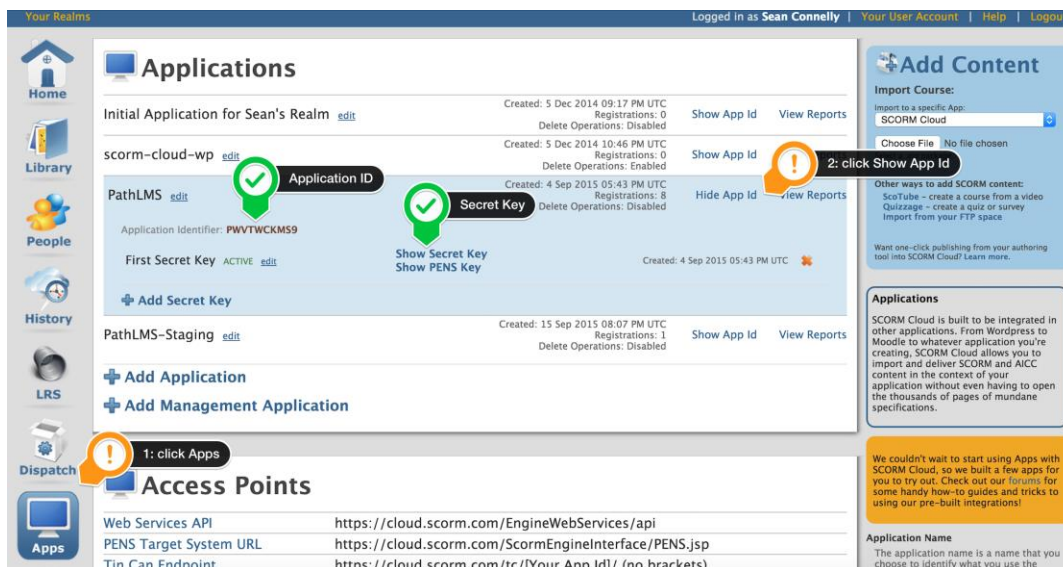
Enabling SCORM

To enable SCORM as a course item, you'll need to copy 2 application credentials from SCORM cloud and have a PathLMS representative add them to your account.
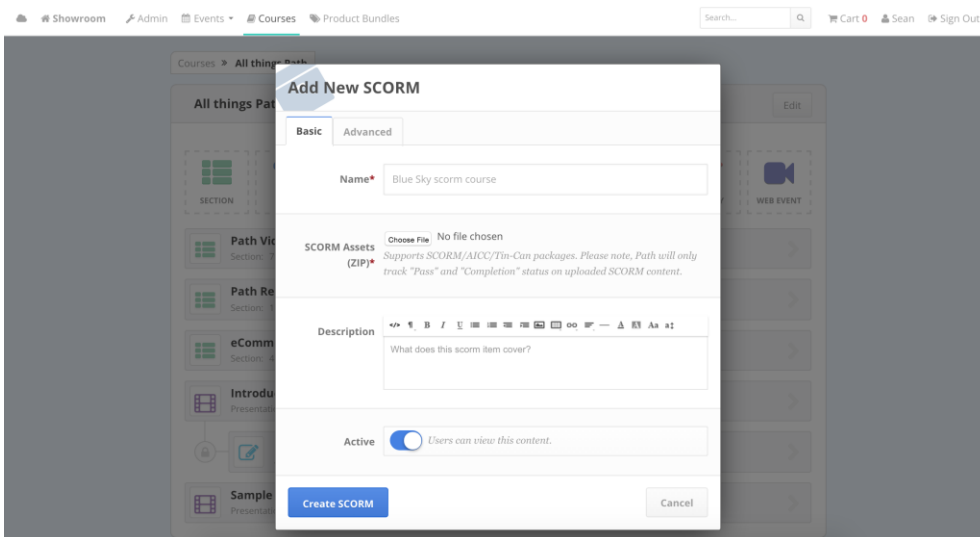
FINDING YOUR APPLICATION CREDENTIALS

You're looking for the Application ID and Secret Key:

Adding a SCORM package to a Path course

Path treats SCORM packages as course items. This means you can leverage Path's powerful course structuring tools, such as ecommerce, group access, member/non-member pricing, prerequisites, credits & certificates, surveys, and more.

Once you have SCORM enabled, click the SCORM course item from any new or existing course.

In the modal, you'll want to add at least these basic settings:

Name

This will show up on the course item link in addition to the name of your SCORM package, which is pulled in automatically once you reference one.

SCORM Assets (ZIP)

Upload your SCORM package here as a ZIP.

Once the upload completes, click **Create**. Processing may take a couple of minutes for larger SCORM packages.

Interacting with SCORM content

For learners with access to the content (by way of ecommerce, group permissions, completing course prerequisites, etc) launching is easy.
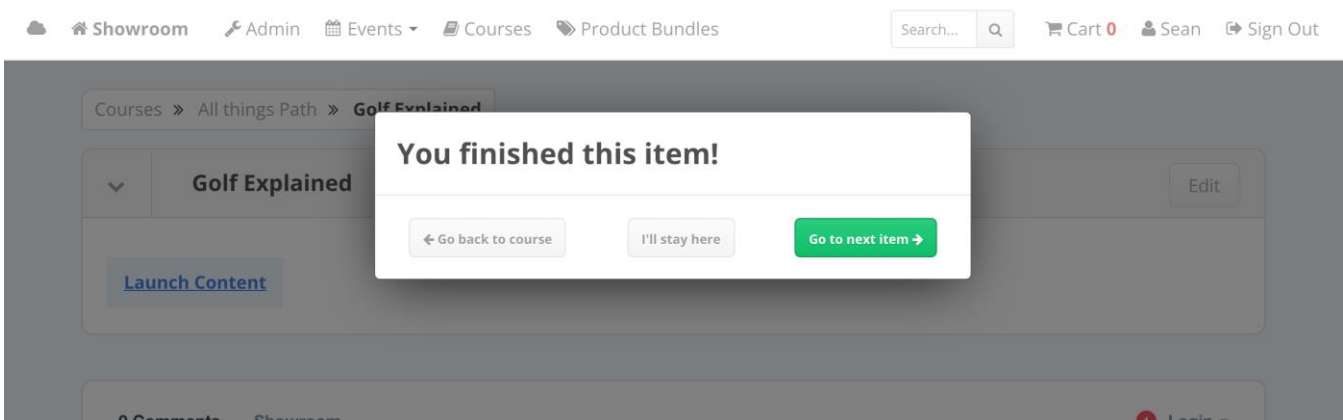
Visit the course item and click Launch Content

This will launch a new blank tab, as well as the SCORM content in a new window.

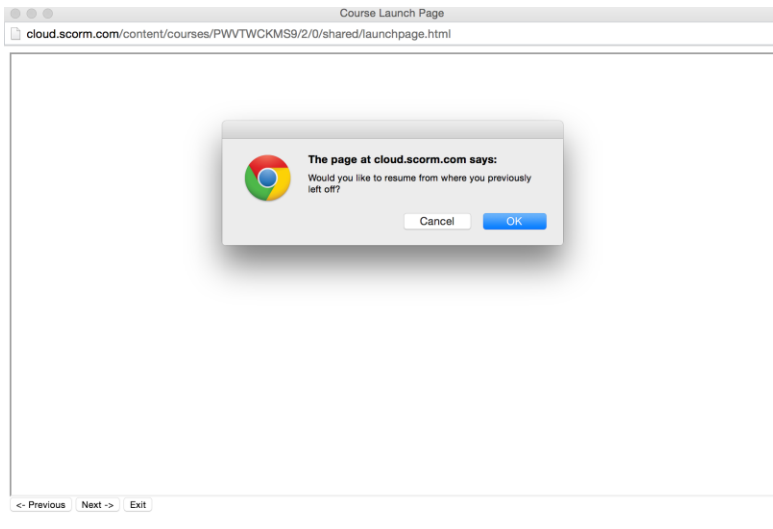## Leave Path open while completing the SCORM content

Automatically return to Path when finished

SCORM content can include a link to 'exit' or 'return to LMS'. When the user closes the window or clicks a link like one of those, they'll be returned automatically to Path. Extra tabs/windows launched by SCORM will be closed at this time, and progress will be synchronized between Path and SCORM Cloud.

Leaving and coming back

Progress can be tracked within your SCORM package, so learners will be prompted to pick up where they left off.

Reporting

Most course engagement reporting can be gathered from SCORM Cloud. There's also a report on Path at **Admin > Reports > SCORM**. This tab contains a list of all SCORM content and general user engagement metrics, such as date first viewed, date completed, and item visits.

The SCORM Engine is the single best technical solution

In looking at literally *hundreds* of LMSs since 1999 on behalf of content vendors and as consultants with deep access to LMSs, we have concluded that two fundamental elements determine the quality of a SCORM implementation.

Compatibility

Above all else, compatibility is fundamental for a content delivery system. SCORM provides exceptional compatibility, but it is not perfect and needs to be implemented correctly. Countless vendors create content that varies wildly in its interpretation of the standard. **Matching the letter of the SCORM standard isn't nearly enough.** You have to go beyond the letter of the standard and embrace both the intent of the standard and the industry's interpretations of the standard. We've solved this problem in a number of ways:

- The "software cooperative" means that this codebase has been tested in more environments and against more content than any other content delivery mechanism. The testing tool in SCORM Cloud alone generates hundreds of test cases.
- Constant evolution and improvement – whenever we find an incompatibility or discover a new interpretation, we build a workaround into our products so *all* of our clients will have constantly more compatible products.
- Tin Can API support. The Tin Can API is the next generation of SCORM. Years in the making, the it's now been released to the world. SCORM Engine already supports the Tin Can API, which means SCORM Engine users really are *future proofed.*
- Multiple integration options: Engine can be added to your existing application in a number of ways, including a simple REST API, by overriding our Integration Interface, or using the same set of Web Services that are available in SCORM Cloud (but hosted on your own service.) We'll help you figure out which of these options (or combination of options) is right for you.
- Transparent debugging options let developers and content authors alike understand *why* things behave the way they do.
- The SCORM Engine doesn't choke on slight variances from the standard, it embraces them. Bend, but don't break.
- No plug-ins, Active X controls, or applets means *very few* environmental support issues. Our JavaScript architecture allows us to avoid these common problems.
- One-click publishing of content from authoring tools to your LMS withPENS support.

Maintainability

Do not be fooled, **SCORM is not a problem you solve by yourself one time**. Creating a standards based LMS requires an ongoing commitment to chasing the evolution of the standard and interpretations thereof in addition to accommodating those who don't understand the standard. If you do this yourself, outsource it, or integrate some other option, you will spend a great deal of time supporting your product's evolution going forward.

- **Tightly integrated, loosely coupled**. It's important that the SCORM Engine appear to be a core part of your application. We understand that, and we've created our integration options in a fashion that allows you to do that. More importantly, though, we're able to maintain a loose coupling between your application and ours. This means that **we're able to deliver each new version of the SCORM Engine to you for integration with minimal effort**. Your ability to keep up with theevolution of the standard with less than a day's work every time we release is powerful.

- We work with SCORM and AICC constantly, and it gives us both a deep understanding of the issue and gravitas in conversations on the subject. Our clients gain the benefit of this experience and influence.
- We actively contribute to the evolution of the standard, which means that you don't have to. Our understanding of your product and contributions to the standard help it to evolve in a way that is useful to you.
- The SCORM Engine is a complete, carefully designed, object oriented application, built in a way that allows us to support it quickly. This is a big part of why we were the first to be certified against SCORM 2004 3rd Edition.