



rehearsal

Integration Guide



How can Rehearsal work best for you?

Remember, Rehearsal isn't a replacement for anything; it's a supplement to everything.

In that case, we have to make sure Rehearsal is properly integrated. And it can be. Easily.

But let's lay some ground rules before talking integration. One of the first questions we are asked by companies is **whether or not Rehearsal is SCORM compliant.**

Rehearsal is a subjective feedback tool. This means that a **human must assess the student's performance** before a score can be assigned. This assessment may take place long after the student has closed his or her browser. **SCORM** and **AICC**, on the other hand, depend on an objective result being available while the student is still using the system.

There is, however, some support for AICC built into Rehearsal. A more recent form of AICC, known as AICC-HACP, allows for the communication of completion between Rehearsal and your system. Most LMSs (or similar) have the HACP version of AICC built right into the tool that allows you to add traditional AICC or SCORM content. You can paste the same URL you would for a simple content integration, and Rehearsal will automatically switch to AICC-HACP mode and let your system know when your student submits a response.

With this in mind, let's start discussing integration.



There are **three** integration approaches:

- Content Integration
- Identity Integration
- Data Integration

Content Integration

This is the simplest level of integration. Simply put, you create content on the Rehearsal platform and do one of three things with it:

- 1.** Go to a **Rehearsal.com instance branded for your company** (example: <https://company.rehearsal.com>) to view a scenario and respond to it with Rehearsal's tools.
- 2.** Send a **URL**, or link, **to a specific scenario** so the user can bypass other components of the Rehearsal platform and focus solely on the assigned task.
- 3.** Embed direct links for each scenario to run from within your company's **platform** or site so that the content seems a little more integrated with what users are used to seeing and they don't have to go anywhere new to find it.

This may be just the right amount of integration for you; however, if you stop at content integration, your employees will need to log into your company's LMS (or the like) in addition to Rehearsal.com. **To resolve this, we can help you to create one single login to access our platform as well as your own.** This is called **Identity Integration**.

Identity Integration

Your company's LMS and Rehearsal are two completely different systems and both are secured separately. **We can "sync up" two sets of user databases (yours and ours) through Single Sign On (SSO).** With SSO, your **users will only see one log in request.** We can do this using SAML 2.0, the gold standard for securing logins between multiple systems. SAML 2.0 can be applied at varying levels to advance the integration process:

Basic: If users do not exist in Rehearsal, Rehearsal will automatically create users and add them to the default group.

Advanced: SAML 2.0 can enable a much more robust identity integration by passing additional information about the signed-in user. These details can include which groups the user belongs to, or what groups the user should mentor. **As you can imagine, this can help you skip some of the more tedious administrative tasks.**



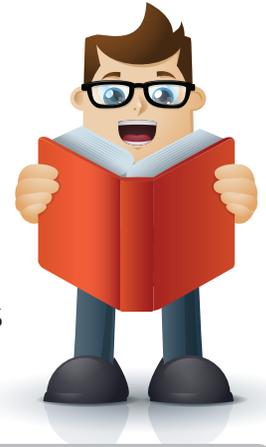
Hmm...something to consider.

*In some cases, your technology provider, in this case, Rehearsal, understands SSO better than the IT administrators managing your employee databases. We find that most IT groups can configure SSO but many companies find it hard to assign groups and create an organizational structure to best support the companies use of Rehearsal. **You can ask us for help but we'd like for you to start thinking about this early so that we can create the best possible experience for you and your team.***

Now that we are talking about passing through additional information about the user, it's time to discuss how we exchange data to and from each platform. This leads us to the third level of integration: **Data Integration.**

Data Integration

Companies that want to setup a data exchange between the LMS and Rehearsal can use the Rehearsal API to pull and push data. This type of integration leans heavily on your IT department but there can be value in merging your LMS and Rehearsal data together. Here are the ways this can happen:



Pull: You can use the Rehearsal API in your system to pull information from Rehearsal and write it to your LMS. It is a simple, RESTful API that returns data in JSON (JavaScript Object Notation) format. By “pulling” data, the LMS receives what has already happened and the acceptance of that data or update is guaranteed to be represented in the LMS.

Push: “Pushing” data enables a more real-time exchange of information, but has some disadvantages when compared to pulling. Certain events in Rehearsal can trigger a transmission of information to another site on the Internet. The site that receives the information can then parse and store it as necessary. The disadvantages to this method include the necessity for the receiving site to be available when the transmission is sent. If the site is down or has an error, the information will not be received. Understandably, this can cause potential sync issues if the data flow is unsuccessful.

One last thing to keep in mind when figuring out what level of integration you want to achieve: **Rehearsal is a full platform by itself, and has many features that do not fit well inside another system.** There are functions of the coaching process that will require your student to revisit their responses, and for that they will need to go directly to Rehearsal. **Use our integration options as a way to make it easy for your students to start the conversation, but use the Rehearsal platform to keep students engaged.**