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Connect an LTI 1.3 Provider in Learnifier

Gabriella Eriksson - 2025-02-23 - [API, SAML, integrations and general settings](#)

LTI (Learning Tools Interoperability) is a standard that enables seamless integration between learning platforms and external tools or content providers. It allows for secure exchange of data, such as user information and course content, between different systems. LTI 1.3 improves upon earlier versions by offering enhanced security features* for secure communication.

This integration makes it easier to seamlessly incorporate interactive components from your preferred tools into your courses in Learnifier, enriching how learners engage with the content.

Setting up: Step-by-Step Guide

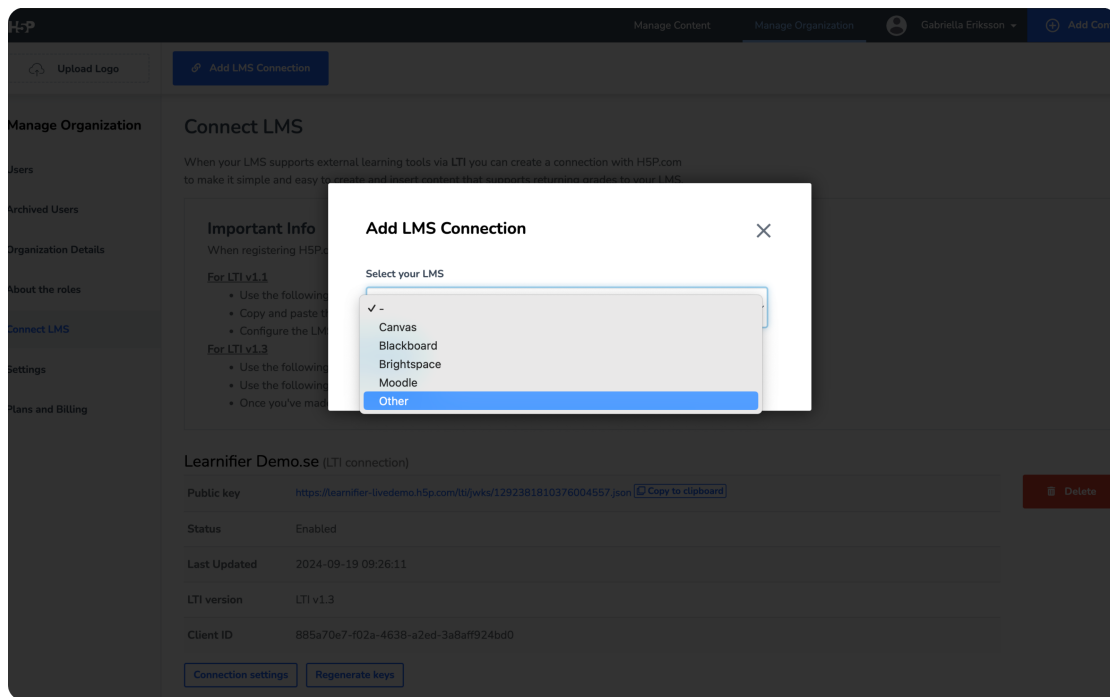
Note: The steps and settings may vary slightly depending on the LTI provider you are using.

Prerequisites:

1. An account with an LTI provider.
2. LTI 1.3 integration activated in your Learnifier portal.
3. Two tabs open: one with your **Learnifier portal** and one with your **LTI provider (e.g., H5P)**.

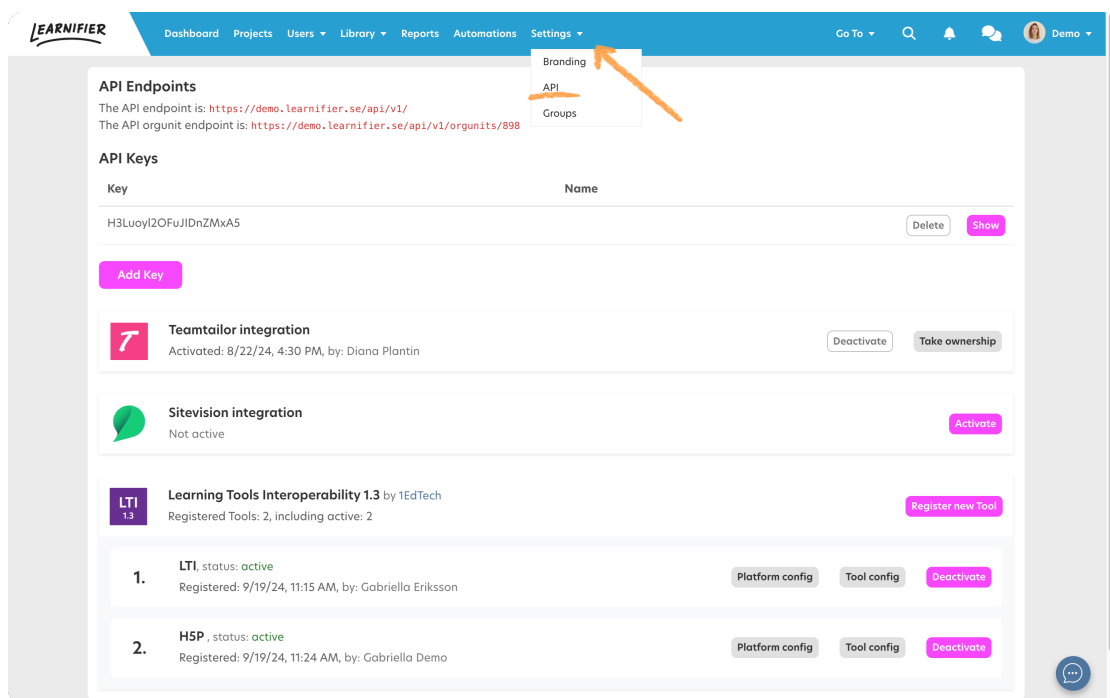
On Your LTI Provider Tab (e.g., H5P):

1. Go to **Connect LMS**
2. Go to **Add LMS Connection**.
3. Choose **Other** under connection options and save.

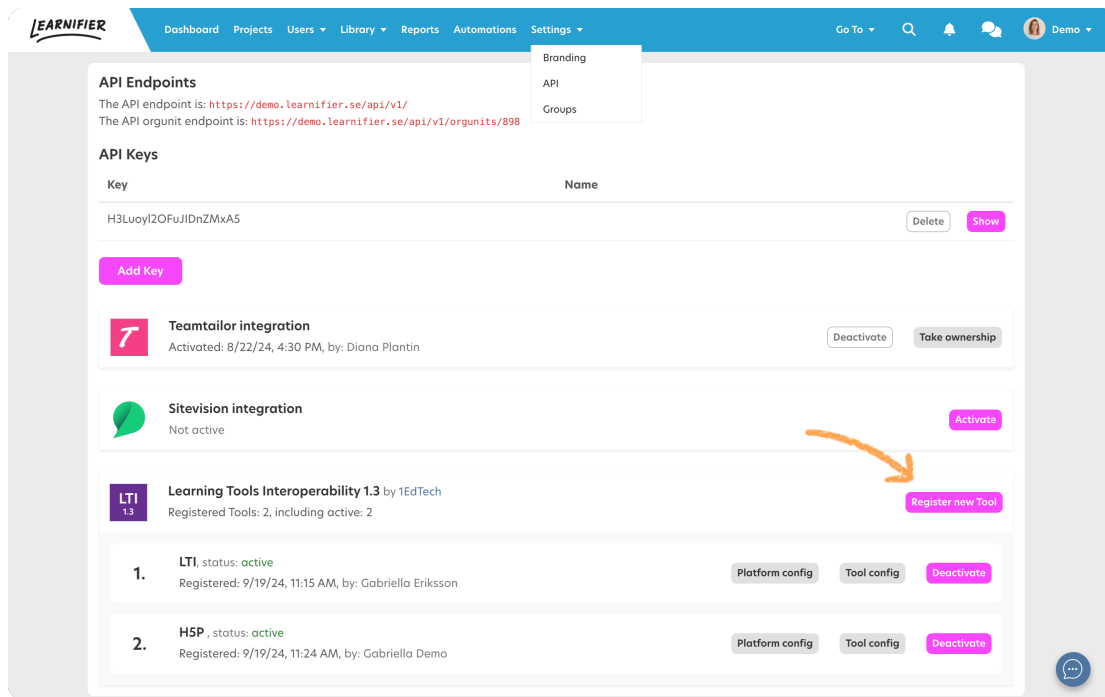


On Your Learnifier Tab:

1. Go to **Settings** and select **API**.

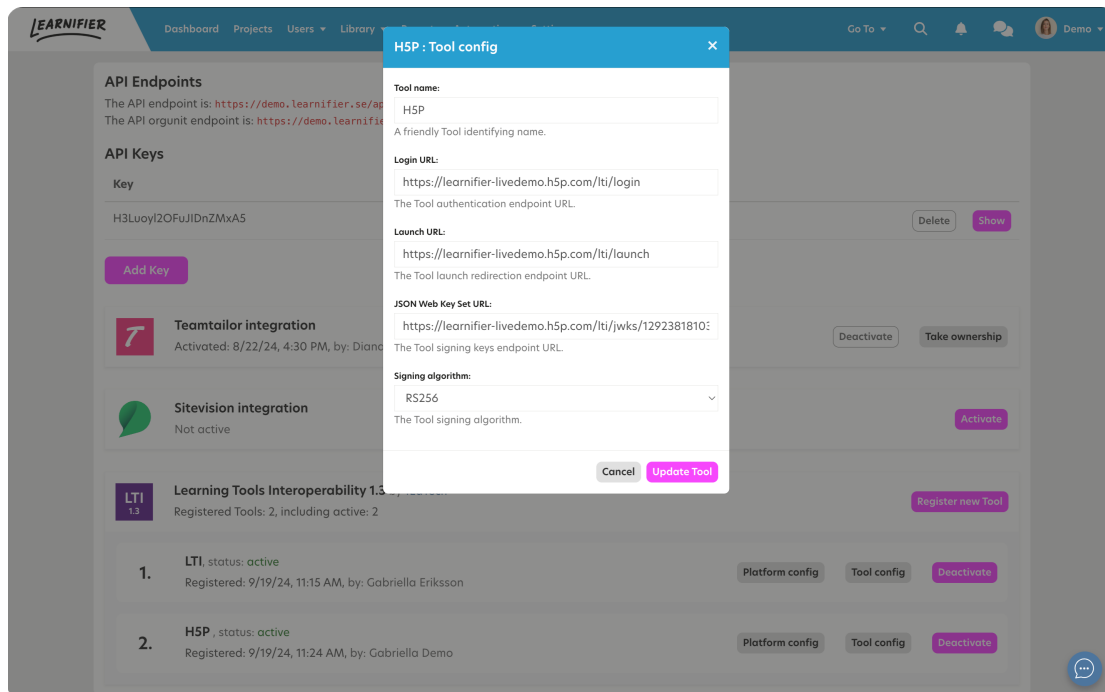


2. Under **Learning Tools Interoperability (LTI) 1.3**, click **Register New Tool**.



3. Choose a Name and Add the information from the LTI provider (e.g., H5P), including:

- Login URL
- Redirect URL
- JSON Web Key Set URL



Connect LMS

When your LMS supports external learning tools via LTI you can create a connection with H5P.com to make it simple and easy to create and insert content that supports returning grades to your LMS.

Important Info

When registering H5P.com as an external tool inside your LMS you have to remember:

For LTI v1.1

- Use the following URL endpoint: <https://learnifier-livedemo.h5p.com/ti> [Copy to clipboard](#)
- Copy and paste the key & secret from the connection details in the list below
- Configure the LMS to send User ID, Role & Email for the connection

For LTI v1.3

- Use the following Login URL: <https://learnifier-livedemo.h5p.com/ti/login> [Copy to clipboard](#)
- Use the following Redirect URL: <https://learnifier-livedemo.h5p.com/ti/launch> [Copy to clipboard](#)
- Once you've made a LMS connection, add the extra data from your platform to the connection

Learnifier Demo.se (LTI connection)

Public key	https://learnifier-livedemo.h5p.com/ti/jwks/1292381810376004557.json Copy to clipboard	Delete
Status	Enabled	
Last Updated	2024-09-19 09:26:11	
LTI version	LTI v1.3	
Client ID	885a70e7-f02a-4638-a2ed-3a8aff924bd0	

[Connection settings](#) [Regenerate keys](#)

4. Click **Register Tool**.

5. Open **Platform Configuration** and leave this information on the screen for use in the next step.

H5P : Platform config

Issuer: <https://learnifier.com> [Copy](#)

The Platform authentication flow issuer.

Client ID: [885a70e7-f02a-4638-a2ed-3a8aff924bd0](#) [Copy](#)

The Platform authentication Client ID of the Tool.

OAuth2 login URL: <https://service.learnifier.se/integration/ti/v1p3/C61> [Copy](#)

The Platform OAuth2 login endpoint URL for the Tool. May be referenced by the Tool as Token URL.

OpenID Connect login URL: <https://service.learnifier.se/integration/ti/v1p3/C61> [Copy](#)

The Platform OpenID Connect login endpoint URL for the Tool. May be referenced by the Tool as Login URL.

JSON Web Key Set URL: <https://service.learnifier.se/integration/ti/v1p3/C61> [Copy](#)

The Platform signing keys endpoint URL for the Tool. May be referenced by the Tool as Key Set URL.

Signing algorithm: [RS256](#) [Copy](#)

The Platform signing algorithm for the Tool.

Deployment ID: [b867462b-59be-444b-8020-8c360ebdd511](#) [Copy](#)

The Platform deployment ID of the Tool.

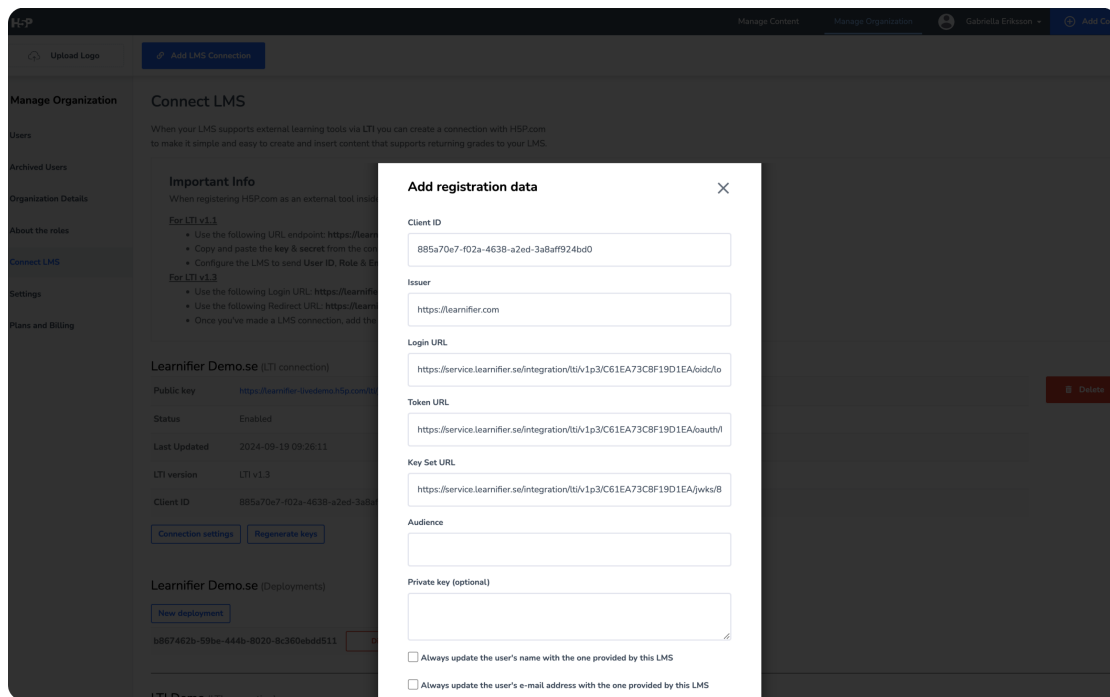
[Cancel](#) [OK](#)

Back to Your LTI Provider Tab (H5P):

1. Go to the **Connection Settings** page.

2. Add the information from the **Platform Configuration** in Learnifier to the appropriate fields(for the field labeled **Deployment ID** in Learnifier: you'll get this in the next step).

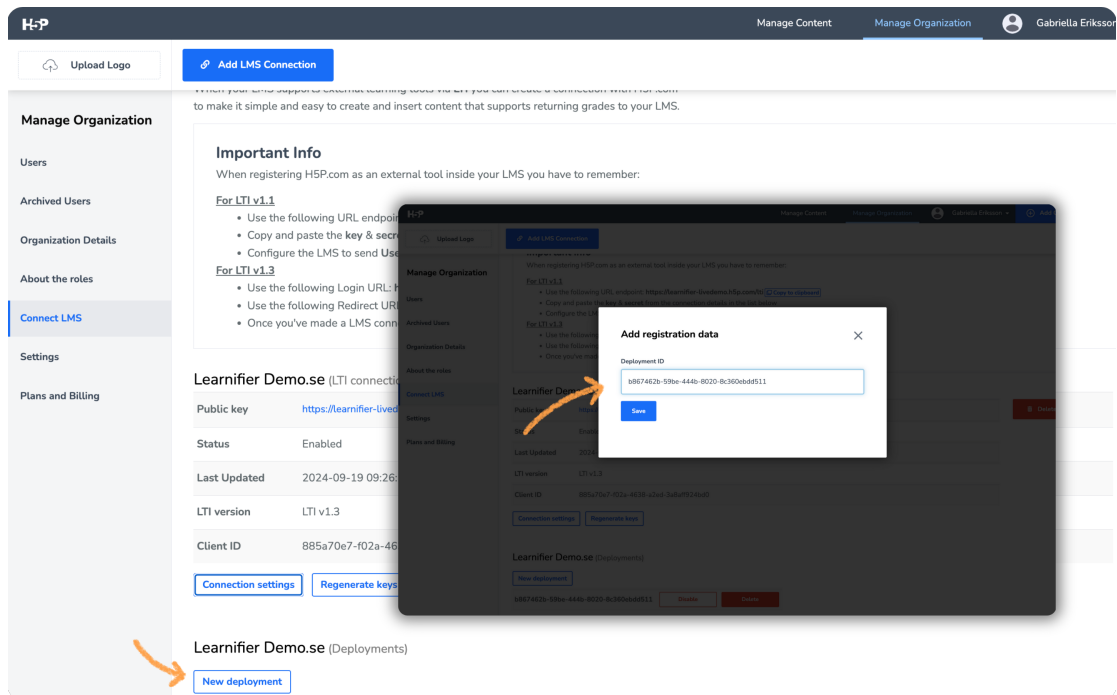
- **Important: Carefully follow the instructions in Learnifier for each field.**



3. Leave the remaining fields blank and press **Save**.

4. Go to **New Deployment** and add the **Deployment ID** from Learnifier.

5. **Save**, and you're done!



Once the connection is complete, you'll be able to integrate and manage interactive components from your LTI provider within Learnifier.

For specific instructions, consult the provider's help documentation.

****Such as OAuth 2.0 for authentication and JSON Web Tokens (JWT).**

How to collect an LTI 1.3 Resource from your connected tool provider

<https://support.learnifier.com/kb/articles/140-lti-13-resource>