

# Blackboard Integration with Alchemer

## Overview

**Blackboard Learn** is a learning management system (LMS) used by schools, universities, and organizations to deliver courses, manage content, and engage learners online.

The Alchemer integration with Blackboard uses **LTI 1.3 (LTI Advantage)** to let you launch an Alchemer survey directly from inside Blackboard. Once an administrator registers the Alchemer tool in Blackboard, students and instructors can open an Alchemer survey from a course without leaving the LMS, and the LTI launch securely confirms who the user is before routing them to the survey.

## Common uses for the Alchemer Blackboard integration

- Embed course evaluations, quizzes, or feedback surveys inside Blackboard courses
- Give students and instructors single-click access to an Alchemer survey from the LMS
- Verify the launching user through the LTI 1.3 launch before they reach the survey
- Collect responses tied to a specific course or placement without manual link sharing
- Keep the survey experience inside Blackboard so respondents never leave the course

## Setup Steps

- [Register the Alchemer LTI 1.3 tool in Blackboard](#)
- [Create a placement and link your survey](#)

## You will need

- Blackboard Administrator access to your Blackboard Learn instance
- The Alchemer **Application ID** (also shown as **Client ID**) for your region. Alchemer provides this, see the table in [Register the Alchemer LTI 1.3 tool](#) below.
- The published Alchemer survey you want to launch, and its share link

**Note:** You do *not* need to register an application in the Blackboard Developer Portal. Alchemer has already registered the tool. You only need the Application ID for your region, which you enter inside your own Blackboard Admin panel.

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## Set up the Alchemer Blackboard LTI 1.3 integration

### [Blackboard | Register the Alchemer LTI 1.3 tool](#)

You will need:

- Blackboard Administrator access
- The Alchemer Application ID for your region (below)

### Application IDs by region

Use the Application ID that matches the region where your Alchemer account is hosted. If you are unsure which region you are on, [contact Alchemer](#).

Region	Application ID (Client ID)	Target Link URI
United States (US)	9ad63916-6595-4218-9f68-e5363cbf0205	https://789d1bb1-e169-482b-b197-36442e9afad4.trayapp.io
Canada (CA)	24eaba21-2085-4d18-86e5-7b2984cca8	https://bbe8b233-07c1-4703-92d3-c1e8704625c0.trayapp.io
Europe (EU)	b996855c-f212-4880-a05a-9035d8fe30e3	https://5d4e6ed4-5d41-45bf-b24a-2b16bb050702.eu1.trayapp.io
Australia (AU)	54d0f2d6-5e37-4837-8586-b2750086546c	https://5cb666dd-d362-477d-9c33-ab5b10a8a150.ap1.trayapp.io

### Configure the action

1. Sign in to your **Blackboard Learn** instance as an administrator.
2. Select the **Admin** link in the navigation to open the Administrator Panel.
3. In the **Integrations** section, select **LTI Tool Providers**.



4. Select **Register LTI 1.3/Advantage Tool**.



5. In the **Client ID** field, enter the Alchemer Application ID for your region from the table above, then select **Submit**.



6. Blackboard retrieves the Alchemer tool configuration automatically and prepopulates the settings. Review them.

7. Set **Tool Status** to **Approved**.



8. Under **Institution Policies**, enable sending the user data the launch requires (for example, role and user information) so the survey launch can identify the user.

9. Select **Submit** to complete the registration.

**Note:** LTI 1.3 uses OpenID Connect and OAuth 2.0 with public/private key signing. There are no keys or secrets to copy — entering the Application ID is what establishes trust between your Blackboard instance and the Alchemer tool. Blackboard signs and validates the launch automatically.

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## Blackboard | Create a placement and link your survey

### You will need:

- The Alchemer tool registered and Approved (above)
- The share link of the published Alchemer survey you want to launch
- The Alchemer launch URL (provided by Alchemer with your Application ID)

### Configure the action

1. In the Administrator Panel, open **LTI Tool Providers** and locate the Alchemer tool you registered.



2. Open the tool's menu and select **Manage Placements**, then select **Create Placement**.



3. **Label:** Enter the text users will see for the link or button (for example, *Course Survey*).

4. **Placement Type:** Choose where the tool appears in Blackboard (for example, a course tool or deep linking placement).



5. **Tool Provider Information:** Enter the Alchemer URL from above into the **Target Link URI** box,

and append your survey share link as the `survey_url` parameter in the **Tool Provider Custom Parameters** box (i.e. `survey_url={your_alchemer_survey_link}` )

**Note:** The `survey_url` value controls which Alchemer survey the user lands on after the LTI launch is verified. Use the share link of the specific survey you want this placement to open.

**Note:** You may also use as many static parameters as you'd like here, just place them on a new line.

6. Confirm **Allow students access** is enabled if students should be able to launch the survey.



7. Save the placement.

8. Add the placement to a course.



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## Testing and Troubleshooting

### Testing and Validation

#### How to test

- Open a Blackboard course that includes the placement and select the Alchemer link as a student or instructor.
- Confirm the LTI launch completes and you are routed to the correct Alchemer survey.
- Submit a test response in the survey.

#### How to verify results

- In Alchemer, open the survey and go to **Results → Individual Responses**.
- Confirm your test response was recorded and that the launch routed to the expected survey.

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### Monitoring Integration Activity

#### Where to find logs

- In Alchemer, go to **Results → Individual Responses** and select a response.
- Open the **Action Log** tab to review the launch and submission details for that response.

#### What logs display

- Success or failure status
  - Timestamp
  - The survey the user was routed to
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## Troubleshooting

### Registration issues

- Wrong Application ID for your region (confirm US, CA, EU, or AU)
- Tool Status not set to Approved
- Required Institution Policies not enabled, so user data is not sent on launch

### Launch failures

- Placement not enabled for the user's role (for example, students cannot access)
- Launch URL missing or malformed `survey_url` parameter

### Survey routing issues

- The `survey_url` points to an unpublished or incorrect survey
  - The survey share link was changed after the placement was created
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## FAQs

### Do I need to register an app in the Blackboard Developer Portal?

No. Alchemer has already registered the tool. You only enter the Application ID for your region inside your own Blackboard Admin panel.

### Which Application ID do I use?

Use the ID that matches the region your Alchemer account is hosted in (US, CA, EU, or AU). Contact Alchemer if you are unsure.

### What permissions do I need?

Blackboard Administrator access to register the tool.

### How are users authenticated?

LTI 1.3 handles this automatically using OpenID Connect and OAuth 2.0 signing. There are no keys or secrets to exchange — the Application ID establishes the trust.

### Can one tool launch more than one survey?

Yes. Create a separate placement for each survey, each with its own `survey_url` value.

### Why isn't my survey loading?

Check that the tool is Approved, the placement Launch URL has a valid `survey_url`, and the survey is published.

### What if I need additional functionality?

Contact Alchemer Support for enhancement requests.

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