



Poll Everywhere & Blackboard Learn/ Ultra LMS LTI 1.3/Advantage integration guide for Blackboard system administrators

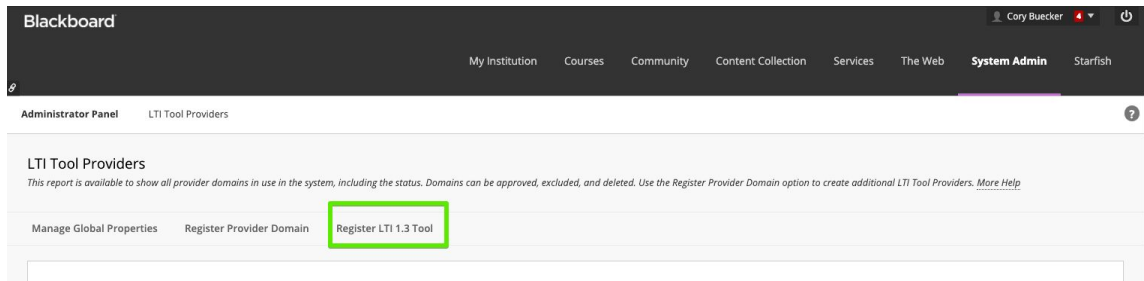
Version 1.0.1

This guide is for Blackboard system administrators, and describes how to integrate Poll Everywhere with a Blackboard Learn and Blackboard Ultra LMS system using LTI 1.3 and LTI Advantage.

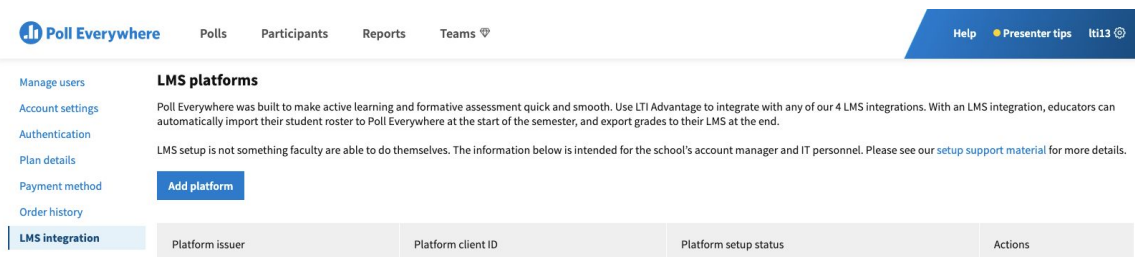
1. In Blackboard, start by going to the System Admin section from the top navigation.
2. From the System Admin page, click on the 'LTI Tool Providers' link in the Integrations section.

A screenshot of the Blackboard System Admin interface. The top navigation bar includes "My Institution", "Courses", "Community", "Content Collection", "Services", "The Web", "System Admin", and "Starfish". The "System Admin" section is active. The main content area is titled "Administrator Panel" and includes "Blackboard Learn" and "Release 3700.7.0-rel.5+40b4b2c". The interface is divided into several sections: "Users", "Courses", "Organizations", "Help", "Cloud Management", "Content Management", "Security", and "Integrations". The "Integrations" section is expanded, and the "LTI Tool Providers" link is highlighted with a green box. Other links in the "Integrations" section include "Data Integration", "Authentication", "Building Blocks", "Web Services", "Proctoring Services", and "REST API Integrations".

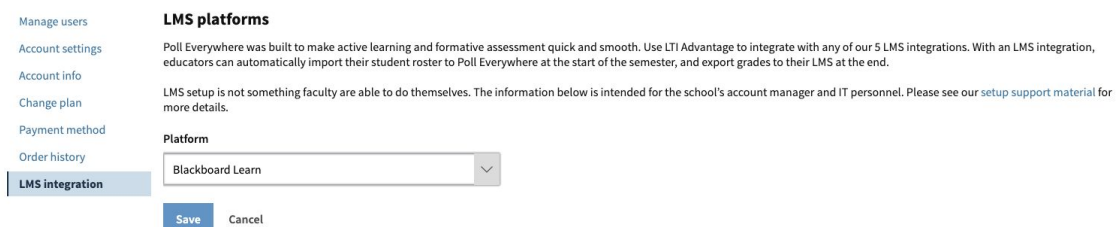
3. On the next page, click Register LTI 1.3 Tool at the top of the page



4. Open a new tab, navigate to PollEverywhere.com, and log in with an Account Owner or Admin profile.
5. From within Poll Everywhere: Click your username in the top right > Account Admin > LMS integration. This is the page where you will manage your LTI 1.3 Platform.



6. Select the 'Add platform' button. On the next page, select Blackboard Learn from the dropdown list of platform options, then Save.



- You will find that the form on the next page is completed for you. From this form, copy the information from the 'Client' field, and Save.

Fb51I7USvDKw9JBFhxng5YhCHqi0wVdvBJRVfH2s9gN23bwb
3GSD1NCYg_IVapLIHpNzDbWg7VvB3Cf5VIFREc8ycQ75P3yEU
xk7jEDWePYqbmwfEPM_HGNoHKftNElrvqJazQ2zbJGS-
qwZCk3RsVplr7aPWAZdv2JWjW1NjC7CfBQz5ls8rZAYziSXIXJB
r-0wUsk59aohzwpAmCfi5-

Issuer

Client

Public key endpoint

OIDC Authentication Endpoint

Access token endpoint

- Go back to your Blackboard browser tab, paste the Client ID into the blank field, and Submit.

Blackboard

My Institution Courses Community Content Collection Services The Web **System Admin** Starfish

Administrator Panel LTI Tool Providers Register LTI 1.3 Tool

Register LTI 1.3 Tool

ENTER CLIENT ID

Client ID

Enter the Client ID for the tool you'd like to add.

Click **Submit** to proceed.

10. On the next page you will be able to name the new integration and update its policies. Name the tool and ensure all Institution Policies are enabled to allow data transfer between Blackboard Learn and Poll Everywhere. When you are done, Submit and you will be redirected back to the Blackboard LTI Tool Provider page.

The screenshot shows the configuration page for an LTI tool named 'Poll Everywhere Production'. The fields are as follows:

- Name: Poll Everywhere Production
- Description: Poll Everywhere Production
- Deployment ID: 0c128f9c-e86d-4543-b087-2253b839aa5e
- Initiate Login URL: https://www.polleverywhere.com/lms/lti_advant
- Tool Redirect URLs: https://www.polleverywhere.com/lms/lti_advant
- Domains: www.polleverywhere.com, polleverywhere.com
- Tool Status: Approved, Excluded

INSTITUTION POLICIES

You can change the following settings for this tool. The fields use global values by default.

- User Fields to Send: Role in Course, Name, Email Address
- Allow grade service access: Yes, No
- Allow Membership Service Access: Yes, No

Click **Submit** to proceed.

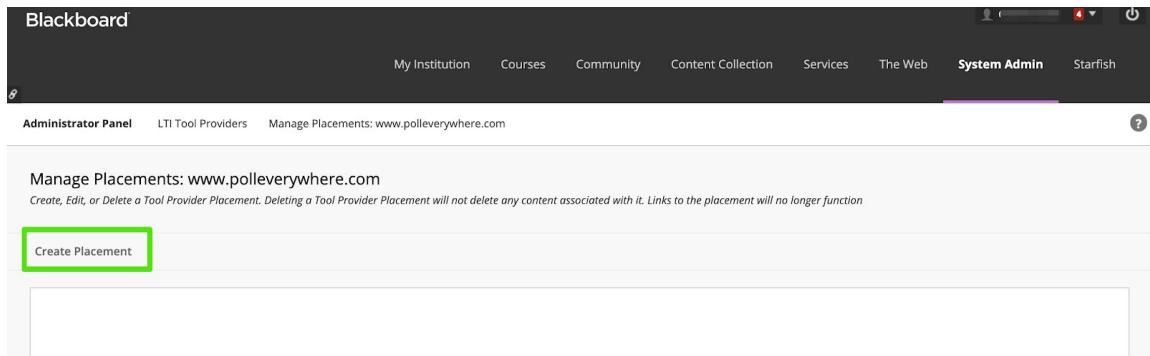
Buttons: Cancel, Submit

11. On the Blackboard LTI Tool Provider page, find the newly added Poll Everywhere tool in the list, click the dropdown menu next to the tool's name, and choose 'Manage Placements.'

The screenshot shows a table of LTI tools. The 'Poll Everywhere Production' tool is selected, and its dropdown menu is open, showing the 'Manage Placements' option highlighted in green.

Tool Name	Tool ID	Status	Deployment ID	Role	Grade Service Access	Membership Service Access	Usage Report	Usage Count
<input checked="" type="checkbox"/> Poll Everywhere Production	LTI 1.3 Tool	Approved	RS256	Role, Name, Email	No		0	0

12. On the next page, click the 'Create placement' button.



13. You will need to complete the required fields and select the following settings on the placement page:

- Name: Give the tool a name. This will be the name your faculty will use to add the tool to their courses. Example: 'Poll Everywhere'
- Handle: Give the tool a shortened name for quick reference. Example: 'PollEv'
- Availability: Select 'Yes' to ensure the tool is available to instructors.
- Type: Select 'Course content tool' and check 'Allows grading'
- Check the checkbox for 'Launch in a new window'
- Tool Provider URL: Enter the Poll Everywhere homepage:
<https://www.polleverywhere.com>

The screenshot shows the Blackboard placement configuration form. The 'Handle' field is set to 'PE Prod'. The 'Availability' section has 'Yes' selected. Under the 'Type' section, 'Course content tool' is selected, and the 'Allows grading' checkbox is checked. The 'Launch in New Window' checkbox is also checked. The 'Tool Provider URL' field is set to 'https://www.polleverywhere.com'. The form includes a 'Submit' button at the bottom right.

Select Submit to make the Poll Everywhere integration available to your faculty.