
ReadSpeaker TextAid for Brightspace as an LTI 1.3 tool, 15 May 2024

ReadSpeaker TextAid for Brightspace as an LTI 1.3 Tool

This guide will help you set up ReadSpeaker TextAid as an LTI version 1.3 tool inside your Brightspace environment. TextAid can be configured to give all your Brightspace users access to their own TextAid account. You can choose to have TextAid accounts created automatically for your Brightspace users or create them manually.

If you have previously used LTI 1.1, there are some differences in the setup procedure.

First, the LTI functionality needs to be activated by the ReadSpeaker support staff for the Administrator's TextAid account. In general, this is done as part of the delivery of the TextAid account, but it can be enabled later if the need arises.

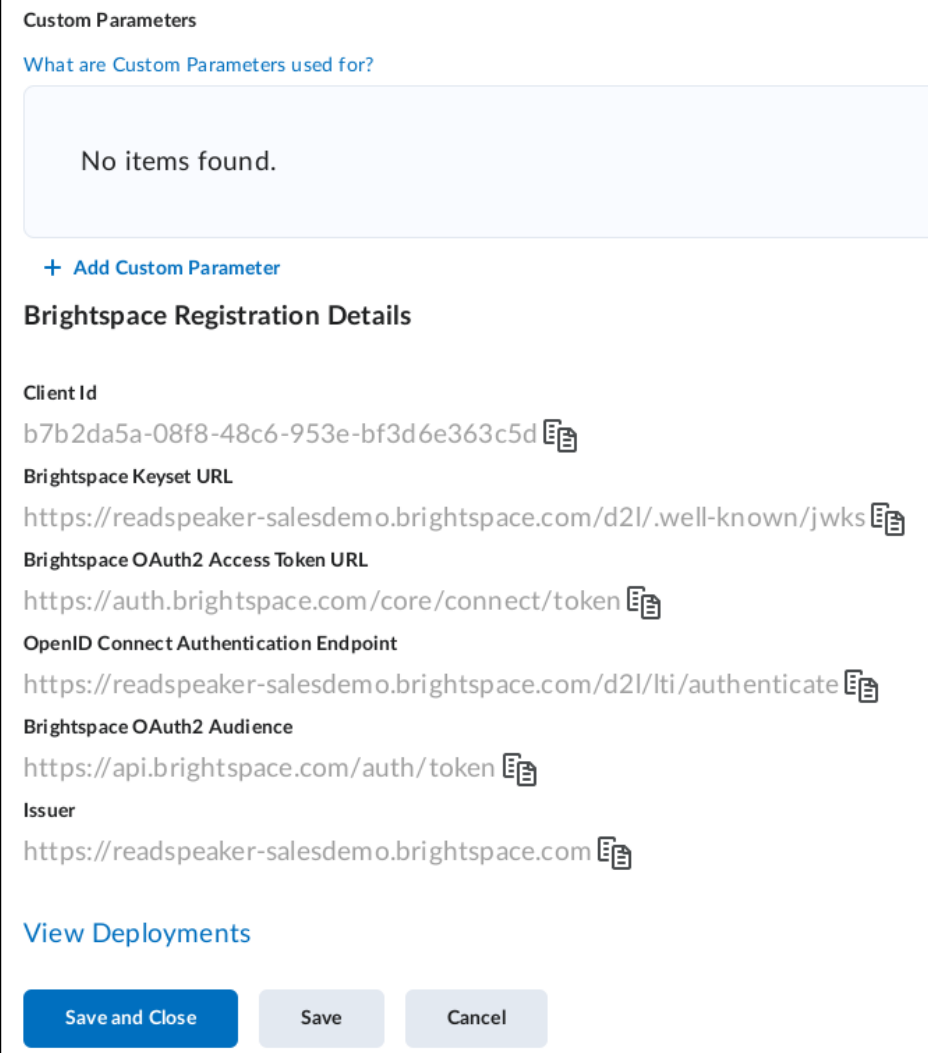
Your TextAid account will be configured with several settings related to LTI, such as the maximum number of users, whether users should be created automatically when they log in via LTI, whether the user should be allowed to log in from outside the LMS, the default user interface language, etc.

Implementation Steps

Register TextAid as an External Learning Tool for LTI Advantage

1. In the Brightspace admin menu (cogwheel icon) click **Manage Extensibility**.
2. Click the tab **LTI Advantage**.
3. Click **Register Tool**.
4. Click **Standard**.
5. Enter the following mandatory fields; other fields may be filled as you see fit:
 - a. Name: a name that helps you identify the TextAid LTI integration, e.g. "ReadSpeaker TextAid"
 - b. Domain: <https://ws.readspeaker.com>
 - c. Redirect URLs: <https://ws.readspeaker.com/a/wasp/lti-launch>
 - d. OpenID Connect Login URL:
<https://ws.readspeaker.com/a/wasp/login-lti>
6. Click **Register**.
7. Click on the TextAid tool you have just registered. This opens a dialog where the tool can be edited.
8. Scroll down to the section "Brightspace Registration Details," which you can see in the screenshot below. Copy and save the values for the following fields, as you will need to send them to ReadSpeaker support in the last section. Note that there is a copy button for each field value to help you. The field names listed below are the corresponding TextAid field names:
 - 1) Client Id
 - 2) Brightspace Keyset URL (Public Keyset URL)
 - 3) OpenID Connect Authentication Endpoint (Authentication Request URL)
 - 4) Brightspace OAuth2 Audience (Access token URL)

5) Issuer (Platform ID)



The screenshot shows a dialog box titled "Custom Parameters" with a sub-header "Brightspace Registration Details". It contains several fields with their respective values and copy icons:

- Client Id:** b7b2da5a-08f8-48c6-953e-bf3d6e363c5d
- Brightspace Keyset URL:** https://readspeaker-salesdemo.brightspace.com/d2l/.well-known/jwks
- Brightspace OAuth2 Access Token URL:** https://auth.brightspace.com/core/connect/token
- OpenID Connect Authentication Endpoint:** https://readspeaker-salesdemo.brightspace.com/d2l/lti/authenticate
- Brightspace OAuth2 Audience:** https://api.brightspace.com/auth/token
- Issuer:** https://readspeaker-salesdemo.brightspace.com

At the bottom, there are three buttons: "Save and Close" (highlighted in blue), "Save", and "Cancel".

Figure of LTI advantage tool dialog showing details to send to ReadSpeaker support.

Deploy TextAid as an External Learning Tool for LTI Advantage

1. In the Brightspace admin menu (cogwheel icon), click **External Learning Tools**.
2. Click the tab **LTI Advantage**.
3. Click **New Deployment**.

4. In the Tool field, select the TextAid tool you registered in the previous section.
5. In the Name field, specify a name, e.g. "ReadSpeaker TextAid".
6. Optionally, add a description of the tool in the Description field, e.g. "ReadSpeaker TextAid LTI 1.3 Course Tool: a complete, easy-to-use reading, writing, and studying literacy support tool for the classroom."
7. Under "Security Settings", tick the data to send to the tool with the LTI request. "Email" and "User ID" must be ticked. We recommend also ticking everything from "Org Unit Information" to "Description" to allow identifying an account to prevent login issues.
8. Under "Configuration Settings", tick **Open as External Resource**, so that TextAid will open in a new window/tab without unloading the current Brightspace content.
9. Click **Add Org Units**. A dialog window is shown.
10. Tick all the org units where you want TextAid to be available in the LMS and click **Add**. The org units you have added will be listed below under the "Add Org Units" button. If the deployment is a site license, first find the entire organization and select it and then select all the children/descendents.
11. Click **Create Deployment**. You will see a pop-up window showing your "Deployment Id." Copy and save the value, as you will need to send it to ReadSpeaker support in the last section. Note that there is a copy button to help you.
12. Click **View Links**.
13. Click **New Link**.
14. In the Name field enter "TextAid LTI 1.3".
15. Set URL to "<https://ws.readspeaker.com>".
16. Select the type of integration you would like to do. You can do either one or both. Your choices are:
 - a. "Widget" A widget can be added to the global landing page or a course landing page.

- b. "Basic Launch"- A basic launch is a link that can be used as an External Learning Tool. It can be deployed as a course link, a NavBar link, or a NavBar group link.

17. Click **Save and Close**.

18. Click **Done**.

Add the Link to the TextAid Tool in a Group Link

1. In the Brightspace admin menu (cogwheel icon), click **Navigation and Themes**.
2. Click **Custom Links**.
3. Click **Create Link**.
4. In the Name field, give the link a name. For ex: "TextAid 1.3"
5. Click on **Insert QuickLink > External Learning Tools** and scroll down and click on your TextAid Basic Launch link in the pop-up window.
6. In "Behavior", select "New Window/Tab"
7. For "Availability", check "Share with child org units".
8. Click **Save**.
9. In the Brightspace admin menu (cogwheel icon), click **Navigation & Themes**.
10. Click the NavBar or Theme you want to modify.
11. Click **Add Links**.
12. Select the link with the name you gave in Step 2.
13. Click **Save**.
14. Click **Close**.

Add the Link to TextAid in a Widget

1. In the Brightspace admin menu (cogwheel icon), click **Homepage Management**.
2. Click **Widgets**.
3. Click **Create Widget**.
4. In the field "Name", enter a name for the widget.

5. Click **Add Org Units**.
6. Check the unit that represents the entire college.
7. Check “All Descendants”.
8. Click **Insert**.
9. Click the tab **Content**.
10. In the field “Description”, enter a description such as “Click on TextAid.”
11. Highlight the word “TextAid.”
12. Click **Insert Quicklink**.
13. Click **External Learning Tools**.
14. Scroll down and click on your TextAid Basic Launch link in the popup window.
The Link has been created.
15. Click on the link you just made.
16. Click on the pencil to edit the link.
17. Select “Open in New Window” and then click **Apply**.
18. Click **Save and Close**.

Add the Link to the TextAid Tool to a Singular Course

There are multiple ways in which you can add a link to TextAid in the LMS. In general, anywhere that “External Learning Tool” is selectable, you can either create and insert a new link or insert a previously created one.

1. Go to a course where you want to add the TextAid tool.
2. Go to the content page and click **Existing Activities**.
3. Click **External Learning Tools**.
4. Either click on a link that was already created, in which case you can disregard the following steps, or click **Create New LTI Link**.
5. In the field “Title”, enter a name for the link.
6. In the field “LTI URL”, enter <https://ws.readspeaker.com>”.
7. In the field “Tool,” select the TextAid external learning tool you created.
8. Click **Create and Insert**. The link to the TextAid tool will now be included in the course content.

Send LTI Connection Details to ReadSpeaker

The last step, which is necessary for TextAid to function in your LMS as an LTI 1.3 tool as ReadSpeaker needs to set up the connection, is to send an email to ReadSpeaker support, support@readspeaker.com, with

- The values that you saved in the last step of the section “Register TextAid as External Learning Tool for LTI Advantage.”
- The Deployment Id that you saved in the section “Deploy TextAid as External Learning Tool for LTI Advantage.”

Make sure to include your customer details, the TextAid coordinator account for which LTI should be registered, and the Brightspace domain URL.

At the end of this step, you can now add the TextAid widget to your course homepage or group link to your course navbar.

If you have any questions or encounter issues with the integration, don't hesitate to let us know.