Evolve Link: Building Block Setup and Outcomes (Grade Reporting) Setup for Blackboard Learn

This guide shows you how to set up the Evolve Link Building Block at the account level, and how to set up outcomes (grade reporting). Educators at your institution can then use the Evolve Link Building Block within courses to link in content from the Evolve site.

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Building Block Setup at the Account Level

Building Blocks are set up at the account level in Blackboard Learn. This enables all courses in that account to use the global settings to access Evolve Link to place LTI links within courses.

1. Log in as an administrator into your Blackboard Learn system.
2. Click on the System Admin tab.
3. Click on the Building Blocks link inside the Building Blocks section of the System Admin panel.

4. Click on the LTI Tool Providers link.

5. Click on Register Provider Domain.
6. On the next page, enter the following information in the fields. You received your Tool Provider Key and Secret in your Evolve Link setup email after your institution requested something from the Evolve catalog:

   Provider Domain: authgateway.elsevier.com
   Provider Domain Status: Approved
   Default Configuration: Set globally
   Tool Provider Key: [Input the value provided by Elsevier]
   Tool Provider Secret: [Input the value provided by Elsevier]
   Tool Provider Custom Parameters:
   
   user_id=@X@user.pk_string@X@
   context_id=@X@course.pk_string@X@

   Send User Data: Send user data over any connection
   User Fields to Send: Constituency in Course, Name, and Email Address.

7. Click the Submit button at the bottom of the page.
Manage Placements

After Evolve Link has been added as a Building Block, it needs to be placed so it can be seen and used by educators within a course. The following instruction will place Evolve Link in the Tools dropdown under Content.

1. Returning to the Building Blocks > LTI Tool Providers section, click the drop-down arrow next to the authgateway.elsevier.com domain you set up, and select Manage Placements.
2. On the **Manage Placements** page, click on **Create Placement**.

![Manage Placements: authgateway.elsevier.com](image)

Create, Edit, or Delete a Tool Provider Placement. Deleting a Tool Provider Placement will remove all associated Tool Providers that are using the Placement.

![Create Placement](image)

2. On the **Manage Placements** page, click on **Create Placement**.

![Create Placement](image)

3. On the **Create Placement** page, enter the following information in the fields:

   - **Label**: Evolve Link
   - **Handle**: Evolve Link
   - **Availability**: Yes
   - **Type**: Content Type > Tools
   - **Tool Provider URL**: https://authgateway.elsevier.com/tools/ltiContentTool
   - **Tool Provider Key**: This will automatically be entered
   - **Tool Provider Secret**: This will automatically be entered.

4. Click **Submit** to proceed.

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**Adding Evolve Link to a Blackboard Learn Course**

Once Evolve Link has been added as a Building Block and the placement managed, it will need to be added within courses/course templates to use. For instructions on how to add Evolve Link to a course,
Outcomes (Grade Reporting) Setup

**NOTE:** Outcomes only need to be set up if your institution is using the following Evolve products:

- Elsevier Adaptive Quizzing Next Generation (EAQ NG)
- HESI Prep Suite (may be listed as any combination of HESI Case Studies, HESI Practice Tests, or HESI Patient Reviews)
- Nursing Concepts Online Next Generation (NCO NG)
- Sherpath

Outcomes do not need to be set up if your institution is using the following Evolve products:

- Clinical Skills (including Clinical Skills inside Simulation Learning System (SLS))
- Elsevier Adaptive Learning (EAL)
- Evolve Resources
- Evolve Online Courses

Instead, gradable items in these products need to be set up by faculty as assignments in Blackboard Learn for the grade to pass back. Faculty can refer to the video and guide entitled **Creating Graded Evolve Assignments in Blackboard** for directions on creating these.

Outcomes are not possible for any of the following Evolve products:

- HESI Next Generation Testing (HESI NG)
- SimChart
- SimChart for the Medical Office (SCMO)
- Simulation Learning System (SLS)
- Virtual Clinical Excursions (VCE)
- Virtual Medical Office (VMO)
NOTE: It is recommended that for outcomes/grade reporting from external applications (like when using Evolve Link with the Evolve products listed above), that you create a general administrator-level account that is used specifically to create access tokens. Using a general account, instead of a user-specific account, will safeguard against problems that would occur if a user-specific account had to be disabled or removed from your system.

1. Log in as an administrator into your Blackboard Learn system.
2. Click on the System Admin tab at the top of the screen.
3. Click on the Web Services link inside the Building Blocks section of the Administrator panel.
4. Select the following services, then click the Availability button and select Make Available:
   - Context.WS
   - Course.WS
   - CourseMembership.WS
   - Gradebook.WS.
5. Select the following services, then click the Discoverability button and select Make Discoverable:
   - Context.WS
   - Course.WS
   - CourseMembership.WS
   - Gradebook.WS.
6. Once more, select the System Admin tab.

7. Click on the Building Blocks link inside the Building Blocks section of the System Admin panel.

8. Click on the Proxy Tools link.

9. Select Manage Global Properties.
10. Copy the **Proxy Tool Registration Password**. You will send this to Elsevier in the following steps.

**NOTE:** It is possible for the **Proxy Tool Registration Password** field to be blank, and to proceed with integration without a password, though it is recommended one be set.

11. Send the **proxy tool registration password** (or confirmation that no password is needed) and your institution’s **LMS URL** to Elsevier via the secure **HIGHTAIL** file-sharing service:
   a. Paste the **proxy tool registration password** and your **LMS URL** into a document on your computer and save that file locally.
   b. Go to **https://www.hightail.com**.
   c. Click the **SIGN IN** button.
d. Select the DON’T HAVE AN ACCOUNT? SIGN UP option and create a free account.

![Sign in to start sharing](image)

e. Once you are signed in, click the + CREATE NEW button at the top of the screen and select the Send option.

f. Send to integration.support@elsevier.com.

g. Add the subject Blackboard Learn Outcomes Setup Details from [Your School’s Name].
h. Attach the saved file with the access token details using the laptop icon (Add from My Computer) on the right-hand side of the page.

i. Click the NEXT button.

j. Click the SEND button.

12. You will receive an email within 24-48 hours from Integration Support confirming that your information has been received, and you are now successfully set up to receive outcomes (grade reporting) from Elsevier applications.

END OF GUIDE