Evolve Link
Building Block Setup for Blackboard Learn
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Building Block Setup

Building Blocks are set up at a system level in Blackboard. This enables all courses in that account to utilize the global settings to access Evolve Link, and for the LTI links placed within courses.

1. Login as an Administrator into your Blackboard system.
2. Click on the System Admin tab.
3. Click on the Building Blocks link inside the Building Blocks section of the Administrator 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:

- **Provider Domain**: authgateway.elsevier.com
- **Provider Domain Status**: Approved
- **Default Configuration**: Set globally
- **Tool Provider Key**: [Input value provided by Elsevier]
- **Tool Provider Secret**: [Input 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**: Name, Email Address, and Role in Course

7. Click on the **Submit** button at the bottom of the page.
Manage Placements
After Evolve Link has been added as a Building Block, it then needs to be placed so it can be seen and used within a course. The following instructions will place Evolve Link in the Tools dropdown under Content.

1. Back in the Building Blocks > LTI Tool Providers section, click the down arrow next to the Domain you just set up, and select Manage Placements

2. On the Manage Placements page click on Create Placement
3. On the Create Placement Page, use the following information

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

4. Click **Submit** to proceed.

### Adding Evolve Link to a Blackboard Course

Once Evolve Link has been added as a Building Block and the placement managed, it will then need to be added within courses/course templates to use. For instructions on how to add Evolve Link to a course, please see the **Adding Evolve Content to Blackboard Learn** document available at the following link:

[Adding Evolve Content to Blackboard Learn](#)

### Outcomes (Grade Reporting) Setup

In order to receive outcomes/grade reporting from some Elsevier products, it is necessary to create a Blackboard proxy tool, with specific web services enabled.

1. Login to your Blackboard system as an Administrator.
2. Click on the **System Admin** tab at the top of the screen.

![Building Blocks Table](#)

3. Click on the **Web Services** link inside the **Building Blocks** section of the Administrator panel.
4. Select the services below then click **Availability** and click **Make Available**.

   Context.WS  
   Course.WS  
   Gradebook.WS

5. Select the services below then click **Discoverability** and click **Make Discoverable**.

   Context.WS  
   Course.WS  
   Gradebook.WS
6. Once more, select the **System Admin** tab.

7. Click on **Building Blocks** inside Building Blocks section of the Administrator panel.

8. Click on the **Proxy Tools** link.

9. Select **Manage Global Properties**.

   - Note the Proxy Tool Registration Password, which will need to be provided to Elsevier.
     - It is possible for this field to be blank, and to proceed with integration without a Proxy Tool Registration Password, though it is recommended that one be set.
   - LMS URL: (ex. https://elsevier.blackboard.com)
10. Send proxy tool registration password (or confirmation that no password is needed) and LMS URL to Elsevier via Hightail.

a. Paste information to a text or Word document and save the file locally.


c. Click the SIGN IN button.

d. Select the DON'T HAVE AN ACCOUNT? SIGN UP option and create a free account.

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 Outcomes Setup Details from {Your School's Name}

h. Attach the saved file with the proxy tool registration password, using the “add from my
i. Click the **NEXT** button.

j. Click the **SEND** button.

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

**Online Solutions Customer Support**
We're ready to help! Please contact Evolve Support at [http://evolvesupport.elsevier.com](http://evolvesupport.elsevier.com) with any questions regarding the LTI setup.