LearnMate LTI

SETUP GUIDE

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Intelitek Installation User's Guide

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1. LTI with LearnMate

1.1. OVERVIEW

Learning Tools Interoperability (LTI) is a standard whose primary purpose is to connect learning systems such as LearnMate with external service tools. This standard defines the connecting system as an LTI Tool **Consumer** and the connected tool as an LTI Tool **Provider**.

This guide provides instruction for both LTI providers and LTI consumers. Instruction for potential providers begins in the next section. Potential consumers can skip to section 3, LTI Consumer Setup, on page 5.

1.2. THE LTI PROVIDER PLUGIN

The LTI provider plugin comes standard on the LearnMate system. You can use this plugin to share activities and courses with LTI consumers.

The LTI provider plugin has several major features:

- It provides access to full courses or single activities.
- It alters the navigation block of a course or activity for displaying information and links that are related to your current course.
- It enables final grades to be returned to the LTI consumer.
- It allows you to modify the visual features of the course or activity page, such as hiding the header, footer and left or right blocks.
- It provides a single sign on so that users do not have to re-register on the LTI provider platform.

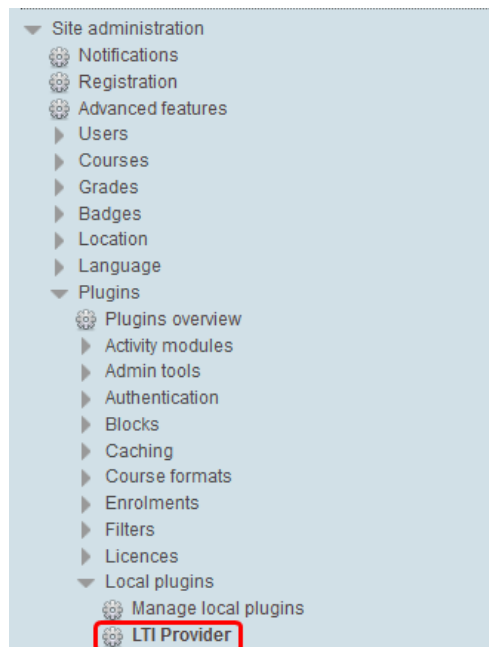![intelitek logo](Dynamic Solutions, Inspired Classrooms)

2. LTI Provider Setup

This section describes the steps necessary for sharing content with potential consumers.
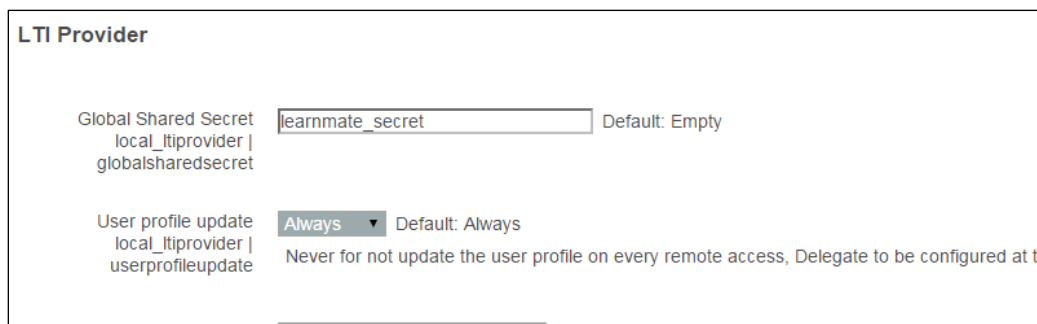
2.1. LTI PROVIDER PLUGIN SETTINGS

The LTI provider plugin comes standard with LearnMate 7. However, you can change the settings of the plugin to better suit your own purposes.
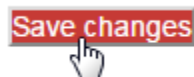
To modify the settings of the LTI provider plugin:

1. In the LearnMate 7 administration block, navigate to **Site administration | Plugins | LTI Provider**.

2. Modify settings as desired.

3. Click **Save changes**. The modifications that you made are saved.
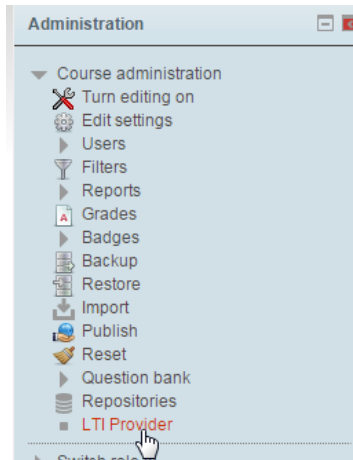
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2.2. SETTING UP THE LEARNING TOOL FOR SHARING

You can define the learning tool that you want to provide your consumer using the LTI plugin. A learning tool can be an entire course or a single activity within a course.

To define the learning tool:

1. Access the course with the content that you want to share with the consumer.

2. In the administration block, navigate to **Course administration | LTI Provider**.

3. A list of shared learning tools is displayed. The settings of these tools can be edited. Click **Add** to create a new tool.

4. Define the Tool settings.

    The **Tool to be provided** defines what the consumer has access to. It can be the entire course or a single activity.

5. In the Remote system settings, complete the **Shared secret** field. The shared secret is similar to a password. It must be entered by the consumer during setup to obtain access to the tool.

6. Define the remaining settings as desired and then click **Save changes**.

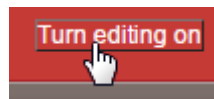The tool is added to the list of tools provided and can be edited later.

ⓘ *Note: The Launch URL displayed in the List of tools provided (above) is used by the consumer to access the learning tool. Ensure that the consumer is provided this URL.*

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3. LTI Consumer Setup

LTI consumers can access shared learning tools via LearnMate's **External tool** activity. The external tool enables LearnMate users to interact with LTI-compliant learning resources and activities on other web sites within the LearnMate interface.

To set up an external tool activity in order to access the learning tool of an LTI provider:
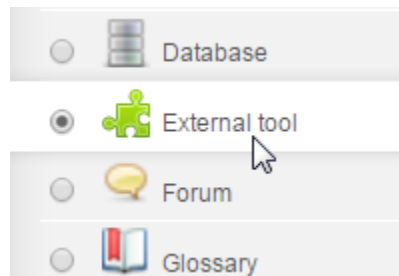
1. Enter the course in which you want to add the external tool.

2. In the top-right corner of the page, click **Turn editing on**.

3. In the desired topic or week, click **Add an activity or resource**.

4. In the Add an activity or resource window, select the **External tool** activity.

5. Click **Add** to create the activity.

   You are automatically directed to the external tool settings page.

6. In the General settings, complete the **Activity name** field.

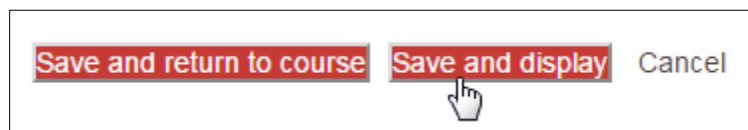7. Click **Show more** to expand the rest of the general settings.
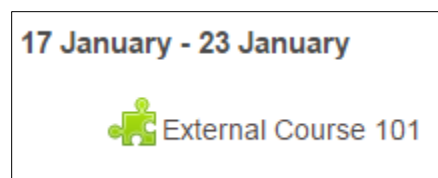

8. Complete the fields of the following settings:

   ▪ **Launch URL:** This is the provider tool's URL. The URL is listed in the provider's List of tools provided page (See section 2.2 on page 3). This URL should be provided to you, the consumer, by the provider.

   ▪ **Consumer key:** This is a username to authenticate access to the tool. It is defined by you, the consumer.

   ▪ **Shared secret:** This can be thought of as a password to authenticate the tool. The shared secret is defined by the provider when defining the settings for the tool and should be provided to you, the consumer.

9. Define the remainder of the settings as desired, and then click **Save and return to course** or **Save and display** to confirm.

The external tool is created and can be accessed by users on the course page.

ⓘ *Note: Users do not have to sign on to the provider's site when accessing the external tool.*