IMS Learning Tools Interoperability® (LTI®) Checklist & RFP Language

The principal concept of LTI is to establish a standard way of integrating rich learning applications (often remotely hosted and provided through third-party services) with platforms like learning management systems, portals, or other educational environments. In LTI these learning applications are called **Tools** (delivered by **Tool Providers**) and the LMS, or learning platforms, are called **Tool Consumers**.

The basic use case behind the development of the LTI specification is to allow the seamless connection of web-based, externally hosted applications and content, or Tools (from simple communication applications like chat, to domain-specific learning environments for complex subjects like math or science) to platforms that present them to users. In other words, if you have an interactive assessment application or virtual chemistry lab, it can be securely connected to an educational platform in a standard way without having to develop and maintain custom integrations for each platform.

Please refer to the LTI primer: http://www.imsglobal.org/lti/primeronLTIConformance.html for a detailed explanation of LTI and a comparison table of the different LTI versions and features supported.

Suggested RFP Language [target: Tools e.g Provider Virtual Lab Tool]
The district is requesting support for LTI version 1.1® or higher certified as a **Tool Provider(TP)**.

LTI Checklist [Tool Provider]

Name	Description
LTI Version	Version Information [Required]
Resource link title	Will you support a Resource link title? (A plain text title for the resource)
Resource link description	Will you support a Resource link description? (A plain text description of the link's destination, suitable for display alongside the link)
user id	Will you support user ids? (Uniquely identifies the user. This should not contain any identifying information for the user)
user image	Will you support user image? (This attribute specifies the URI for an image of the user who launches this request.)
lis_person_family_name	Will you support the person family name? e .g. Public
lis_person_full_name	Will you support the person full name? e.g. Jane. Q. Public

lis_person_given_name	Will you support the person given name? e.g. Jane
lis_person_sourcedid	Will you support the person sourcedid? Will this be the district unique user ID? (e.g. Active Directory ID) please specify.
lis_person_contact_email _primary	Will you support person_contact_email_primary? e.g. user@school.edu
Roles	Will you support Roles? (Comma separated list of values for roles e.g. Learner, Instructor, Administrator etc.)
Context id	Will you support Context id? (Identifies context that contains link being launched)
Context type	Will you support Context type? (Identifies the type of context e.g. a course or class)
Context title	Will you support Context title?
Launch Presentation Target	Will you support a Launch Presentation Target? (This field communicates the kind of browser container into which the TC has launched the tool)
Launch Presentation Width & Height	Will you support Launch Presentation Width & Height? (The width and height of the window or frame where the content from the tool will be displayed)
Launch presentation return URL	Will you support a Launch presentation return URL? (Fully qualified URL where the TP can redirect the user back to the TC interface.)
Services	Will you support Basic Outcomes Service (grade exchange) support? Will you support Rich Outcomes Service?
Custom Parameters	Will you require Custom Parameters? - if yes - please specify which custom parameters you will support.

*Note - this checklist does not include mandatory parameters

Suggested RFP Language [target: Learning Platform e.g LMS or Learning Object Repository]
The district is requesting support for LTI version 1.1 or higher certified as a **ToolConsumer (TC)**.

LTI Checklist [Tool Consumer]

Name	Description
LTI Version	Version Information [Required]
Resource link title	Will you provide a Resource link title? (A plain text title for the resource)
Resource link description	Will you provide a Resource link description? (A plain text description of the link's destination, suitable for display alongside the link)
user id	Will you provide user ids? (Uniquely identifies the user. This should not contain any identifying information for the user)
user image	Will you provide user image? (This attribute specifies the URI for an image of the user who launches this request.)
user name	Will you provide user name? The username by which the user is known to the LMS.
lis_person_family_name	Will you provide the person family name? e .g. Public
lis_person_full_name	Will you provide the person full name? e.g. Jane. Q. Public
lis_person_given_name	Will you provide the person given name? e.g. Jane
lis_person_sourcedid	Will you provide the person sourcedid? Will this be the district unique user ID? (e.g. Active Directory ID) please specify.
lis_person_contact_email _primary	Will you provide person_contact_email_primary? e.g. user@school.edu
Roles	Will you provide Roles? (Comma separated list of values for roles e.g. Learner, Instructor, Administrator etc.)
Context id	Will you provide Context id? (Identifies context that contains link being launched)
Context type	Will you provide Context type? (Identifies the type of context e.g. a course or class)

Context title	Will you provide Context title?
Launch Presentation Target	Will you provide a Launch Presentation Target? (This field communicates the kind of browser container into which the TC has launched the tool
Launch Presentation Width & Height	Will you provide Launch Presentation Width & Height? (The width and height of the window or frame where the content from the tool will be displayed)
Launch Presentation Style Sheet	Will you provide the Launch Presentation Stylesheet (CSS) URL?
Launch presentation return URL	Will you provide a Launch presentation return URL? (Fully qualified URL where the TP can redirect the user back to the TC interface.)
Services	Will you provide Basic Outcomes Service (grade exchange) support? Will you provide Rich Outcomes Service?
Tool Consumer Info Product Family Code	Will you provide Tool Consumer Info Product Family Code? (e.g. canvas, brightspace, blackboard etc.)
Tool Consumer Info Version	Will you provide Tool Consumer Info Version? (e.g. major/minor release code - 9.1 etc)
Tool Consumer Instance contact email	Will you provide Tool Consumer iNstance contact email? (e.g **system.admin@school.edu)**
Tool Consumer Instance description	Will you provide Tool Consumer Instance description? (e.g. District LMS)
Tool Consumer Instance guid	Will you provide a Tool Consumer Instance guid? (this is a unique identifier for the Tool Consumer)
Tool Consumer Instance name	Will you provide a Tool Consumer Instance name?
Tool Consumer Instance URL	Will you provide the Tool Consumer Instance URL? (this is the URL of the tool consumer instance)
Custom Parameters	Will you support Custom Parameters? - if yes - please specify which custom parameters you will provide.

*Note - this checklist does not include mandatory parameters