



LTI ADVANTAGE DEEP INTEGRATION AT THE *SPEED OF NOW*

Learning Tools Interoperability® (LTI®) revolutionized the way educators and students access digital learning resources, apps, and tools within any learning management system (LMS) by enabling a secure, one-click, seamless connection.

Now, IMS Global Learning Consortium is enabling better teaching and learning through **LTI Advantage**—a set of LTI extensions supported and certified by IMS that build on the core LTI standard which has been implemented in over 70 learning platforms and hundreds of learning apps and tools. **LTI Advantage** includes new features for deeper integrations of any tool with any LMS, adds a profile that provides a trusted foundation for better app administration, and ensures an institution’s infrastructure supports flexibility and choice of interoperable products, tools, and services.

LTI Advantage Builds on LTI 1.3

for the Trusted Exchange of Teaching and Learning Activities

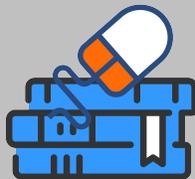
ASSIGNMENT AND GRADE SERVICES



Enables the passing of assignment results from the learning tool back to the learning environment.

- Gradable assignments shared with tool
- Numeric scores returned to learning environment grade book
- Assessor’s comments returned if provided
- Multiple results supported in a single exchange
- Instructor override and history of attempts allowed

DEEP LINKING



Enables a more intuitive way to add content and links to a platform from a learning tool or publisher content.

- Select and add course content in a few clicks
- Add playlists and tables of content
- Enable links and other HTML content
- Add pre-registered tools with a few clicks

NAMES AND ROLE PROVISIONING SERVICES



Enables sending a list of course participants and faculty defined groups to learning tools.

- Exchange a list of users and their roles
- Provision a learner using LTI’s secure exchange
- Learn who has not yet accessed a tool

LTI Advantage and LTI 1.3 have Improved Student Privacy and Data Security

Institutional leaders and end users will have peace of mind that the bi-directional exchange of assessment results and data between an LTI Advantage certified learning environment and LTI Advantage certified tools uses OAuth 2.0 security protocols

Leverage LTI Advantage to Create Better User Experiences

LTI Advantage enables faculty to more easily innovate with technology to improve the teaching and learning experience by giving them more control to integrate third-party resources, apps, and tools in the learning environment—wherever and whenever—and assuring that assignment and grade results are automatically synced to the gradebook of record. LTI Advantage also lowers the time and cost to integrate digital resources into an institution’s learning ecosystem.

The LTI Advantage feature set currently includes three extensions that add key functionality beyond core LTI to improve your digital learning ecosystem.

Assignment and Grade Services seamlessly syncs grades and comments from multiple sources into a central gradebook such as the LMS gradebook.

Deep Linking makes it more intuitive for faculty to add and integrate external content into the structure of a class.

Names and Role Provisioning Services automatically loads users into a tool and manages groups without having to manually reset roles.

The IMS Ecosystem is Advancing to LTI Advantage Now

LTI Advantage requires implementation and IMS conformance certification for all applicable extensions—Assignment and Grade Services, Deep Linking, and Names and Role Provisioning Services—and the LTI 1.3 core standard, which includes the enhanced IMS-wide Security Framework specification.

IMS is encouraging edtech suppliers to commit to completing the LTI Advantage certification process by Q3 2018 to be ready for the start of the 2018-2019 school term.

Get the Most From Your Learning Environment Integrations



The real power of a learning ecosystem comes when your platform, tools, and applications are seamlessly working together and supporting the latest features. Requiring all LTI-enabled applications to be IMS certified for LTI Advantage ensures that your ecosystem’s integrations are secure and your institution is maximizing the usability benefits of the LTI Advantage extensions.

Under the leadership of IMS Global Learning Consortium’s 470+ members (and growing), LTI Advantage is being adopted rapidly as the preferred method of digital tool integration. To ensure that all benefits are realized across all learning environments, IMS Global members have put in place a certification program and product directory available at imscert.org that is governed by a proven and trusted community process.

IMS higher education institutional members have developed procurement language to help institutions guide suppliers in supporting the most up-to-date features of LTI Advantage now and as the feature set evolves. See imglobal.org/statement.

LTI ADVANTAGE TEACHING AND LEARNING BENEFITS

- Save time on class management and reclaim time for instruction
- Reduce institutional and personal risk by securing student data
- Add learning tools and content to the LMS *faster* and more efficiently

Overview and FAQ: imglobal.org/TakeAdvantage

Statement of Intent: imglobal.org/statement