LTI Advantage

BETTER EXPERIENCES at the SPEED OF NOW
LTI ADVANTAGE OFFERS BETTER

Security and Student Privacy

User Experience

Administration and Controls

Interoperability

Securely connect, confirm and exchange with IMS-certified learning platforms, apps and tools.
LTI ECOSYSTEM MODEL

Securely and Quickly Connect to Apps and Tools
LTI ADVANTAGE COMPONENTS

IMS Ecosystem Security Framework

LTI Advantage
LTI Extensions Build on Core LTI

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

- **CORE LTI**
  LTI Advantage requires IMS certification of core LTI v1.3.

- **CONNECT CONFIRM EXCHANGE**
  LTI v1.3 ensures the most up-to-date privacy and security.

- **ASSIGNMENT AND GRADE SERVICES**
  Exchanges assignment progress, comments, and scores from an assessment tool to the gradebook.

- **NAMES AND ROLE PROVISIONING SERVICES**
  Sends a list of course participants and faculty defined groups to learning tools in a safe and secure manner.

- **FUTURE EXTENSIONS**
SECURE STUDENTS PRIVACY AND DATA

- IMS-wide Security Framework based on industry best practices
- Public-private key infrastructure
- Encrypted, signed message
- Scope control - access claims have explicit permission

Trust your teaching and learning ecosystem
BETTER USER EXPERIENCES

Faster, More Efficient Course Building

DEEP LINKING

- Easily build lessons with targeted content
- Provide direct access to specific and relevant course objects deep into a learning resource
- Improved student experience
- Improve content traceability and data for intervention analytics
- More natural workflow between platform and learning object repositories
BETTER USER EXPERIENCES

Place the Learner at the Center

NAMES AND ROLES

- Communicate with and among classmates without exposing contact information
- Determine who is using classroom tools and resources, and who is not
- Supports exchange of groups
BETTER USER EXPERIENCES

Reclaim Time for Teacher Instruction

ASSIGNMENT and GRADE SERVICES

● Seamlessly sync assignments, scores and comments
● Report results beyond grades - progress and activity reporting from assessment tools
● Reduce clicks and eliminate duplicate data entry managing grades
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IMS GLOBAL Learning Consortium
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CONNECT
Confirm Exchange

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UNEQUALED COLLABORATION

IMS Members are Leading the Way

- **Blackboard** hosting a weekly partner workshop
- **Instructure** is blogging, promoting to partners and presenting at conferences
- **D2L** presentations and active LTI Advantage development
- **Turnitin** is creating sample PHP code libraries
- **Cengage** created an implementation guide with live code
- **Moodle** plans on supporting LTI-A in the next version
A Fully Functioning Platform and Tool For Development Reference and Testing
LTI ADVANTAGE EARLY ADOPTERS

AEFIS Assessment Improved
CENGAGE Learning™
eLumen Connecting What's Possible
go react
Kaltura
Perusall
STEMscopes™
talis
WILLO LABS

Blackboard
D2L DESIRE2LEARN
echo active learning
gradescope
McGraw Hill Education
Realizeit

canvas
edmentum
explorance.
hootsuite
Peerceptiv®
RedShelf
Sakai
 VitalSource

turnitin
 vt VOICETHREAD
YOUSEEU™
DISCUSSION

John-Arthur Berg
Data Protection Officer (GDPR) and Strategic Advisor