

# Security & Compliance

Keeping student data safe and facilitating STEMscopes use



The following is an overview of security measures Accelerate Learning, Inc. (ALI) incorporates within its product to meet federal student privacy mandates, such as FERPA (Family Educational Rights and Privacy Act), COPPA (Children's Online Privacy Protection Act), and CIPA (Children's Internet Protection Act). Compliance with state privacy mandates such as California AB 1584 and California SB 1177 (SOPIPA) are also reviewed to ensure compliance.

## Software Security

ALI utilizes industry-recognized best practices for security at the infrastructure and network levels of its services. This includes SSL / TLS protocols, API call-level authentication, API bearer tokens, and proprietary solutions.

**Transport Layer Security:** ALI implements the Transport Layer Security (TLS) cryptographic protocol for transfers over HTTPS (SSL) connections. With this protocol, unique session keys are used to encrypt and decrypt data transmissions and validate the accuracy of data transmissions. This process is reinforced by additional proprietary authentication.

**Authenticated API Calls:** API calls are authenticated individually using OAuth 2.0 authentication occurring over TLS / SSL protocols. This process is reinforced by additional ALI proprietary authentication.

**Third Party Penetration / Vulnerability and Code Review:** An array of comprehensive commercial penetration and vulnerability tests are performed on ALI's behalf by a third party organization and their industry-certified internet security experts. ALI reviews the results with the third party to evaluate their findings and develop potential new methods for providing even greater security.

## Cloud Service Certifications

Annual audits are performed by a third party auditing firm for SSAE 16 and PCI compliance with HIPAA and PCI. Audits comply with International Organization for Standardization (ISO) 27001/2 and with the Statement on Standards for Attestation Engagements (SSAE) No. 16, Reporting on Controls at a Service Organization, which was finalized by the Auditing Standards Board of the American Institute of Certified Public Accountants (AICPA) in January 2010. SSAE 16 effectively replaces SAS 70 as the authoritative guidance for reporting on service organizations. SSAE 16 was formally issued in April 2010 and became effective on June 15, 2011.



## Student / Staff Data Integration

ALI provides its own proprietary and industry-recognized solutions to facilitate the secure exchange of staff and student data. ALI requires minimal student information, and each district decides what, if any, optional information it wishes to submit for its own purposes. In addition, the required fields, such as student ID, are required to be unique and do not have to be the student's actual SIS ID, social security number, or state ID.

**ALI Data Integration – SFTP (Automated and Interactive):** Each SFTP area is specific to each client and is not a shared resource. Uploaded files are immediately moved to an internal, isolated area for secure processing. ALI provides solution examples of how a client may establish automated SFTP file submissions.

**IMS Global – OneRoster:** ALI also offers an alternative student/staff data integration solution through IMS Global's OneRoster.

## Single Sign-on (SSO)

ALI supports Microsoft SAML SSO, IMS Global's LTI and MS SAML SSO, and Google, and Clever.

## Curriculum Integration

Learning Management System (LMS) Content Integration ALI supports integration with client LMS systems through IMS Global's Thin Common Cartridge (ThinCC) protocol.

## ALI IMS Global Areas of Compliance

**Compliance:** SSO, OneRoster, and ThinCC

Accelerate Learning

Product: STEMscopes

LTI v1.0, LTI v1.1, LTIv1.1.1, LTI v1.2

Thin CC v1.3

LTI v2.0

LTI Outcomes Service

Product: OneRoster API 1.0, 1.1

