

How AtlasOA Connects to Your SIS

AtlasOA imports assessment data from your Student Information System through file-based imports or direct database sync. No cloud middleware, no API keys to manage, no data leaving your network.

SUPPORTED IMPORT METHODS

SIS Platform	Method	Status
Jenzabar (J1/JICS)	Direct SQL sync or Excel rubric report import	Production (v1.0)
Jenzabar EX	Excel file import	Production (v1.0)
Jenzabar CX	Excel file import	Production (v1.0)
Blackboard Learn	REST API adapter (OAuth2)	Production (v1.0)
Canvas LMS	REST API adapter (Bearer token)	Production (v1.0)
Moodle	REST API adapter (web service token)	Production (v1.0)
Generic CSV/Excel	Column-mapped file import	Production (v1.0)
Custom SIS	Adapter template provided for self-service	Template included

DATA FLOW

Step	What Happens
1. Export	IT staff exports rubric data from SIS as Excel/CSV, or configures direct sync credentials.
2. Import	AtlasOA reads the file (or queries the SIS database directly) and maps columns to its internal data model.
3. Transform	Proficiency scores are normalized to your institution's scale. The default scale (EXE/MEE/NIM/DNM) can be changed to match your existing model through the admin panel. Courses, sections, enrollments, and outcomes are created or matched automatically.
4. Store	All data lands in the local SQLite database on your server. Nothing leaves the network.
5. Report	Dashboards, drilldowns, trend analysis, and accreditation reports are available immediately after import.

INTERNAL DATA MODEL

AtlasOA maps all imported data into a unified model: students, semesters, courses, sections, enrollments, assessments, rubric criteria, and scores. Course-Level Outcomes (CLOs) align to Program-Level Outcomes (PLOs). This structure enables cross-SIS reporting even if your institution migrates platforms.