



# AtlasOA

Navigate Outcomes. Chart Success.

The complete, self-hosted outcomes assessment platform for higher education. Affordable annual licensing. No per-user fees. Your data stays on your campus.

**\$2K/yr**

Starting At

**5 Tiers**

Flexible Plans

**8 Addons**

Mix & Match

**Free**

30-Day Demo

[atlasoa.com](https://atlasoa.com)

# The Challenge

Higher education institutions face a growing crisis with outcomes assessment. Accreditation bodies demand comprehensive data, but the tools available are either too expensive, too complex, or both.

## \$10K - \$50K+

Annual SaaS subscription costs drain institutional budgets year after year with no end in sight. Small and mid-size institutions simply cannot afford enterprise assessment tools.

## Zero Control

Student data lives on someone else's servers with no local ownership. Institutions have no say over where sensitive assessment data is stored or who can access it.

## Locked In

Limited customization forces institutions into the vendor's rigid workflow. When accreditation requirements change, you wait for the vendor to update.

## Data at Risk

When the contract ends, your assessment data may be inaccessible. Years of carefully collected outcomes data could vanish overnight.

## Too Complex

Faculty find existing tools too complex and stop using them. Low adoption rates undermine the entire assessment process and accreditation readiness.

# The AtlasOA Solution

AtlasOA is a self-hosted outcomes assessment platform that gives your institution complete control over assessment data, budget, and accreditation readiness. Replace expensive SaaS subscriptions with a platform you own, run on your campus infrastructure, and customize to fit your exact workflow.

## One Platform

Everything you need for outcomes assessment in a single, unified interface. Dashboard, curriculum mapping, reporting, student tracking, and accreditation planning all in one place.

## Predictable Annual Pricing

Starting at \$2,000/year. No per-user fees. No hidden costs. Five flexible tiers plus a la carte addons your CFO will love.

## Your Data, Your Campus

Self-hosted on your own infrastructure. Machine-locked license keys. Works offline. No external cloud dependencies whatsoever.

# Platform Features

Powerful tools designed for assessment coordinators, faculty, and administrators.



## Real-Time Dashboard

Instant view of outcomes, courses, assessments, and students. Color-coded alerts flag issues before they become accreditation findings.



## Curriculum Mapping

Visual grid mapping every program outcome against every course. Green means assessed, yellow means mapped, red means a gap.



## Score Drill-Down

Click any achievement percentage to see every student's score. Filter by level. Identify exactly who needs intervention.



## Trend Dashboard

Line charts showing PLO achievement over multiple semesters. Visualize long-term improvement at a glance.



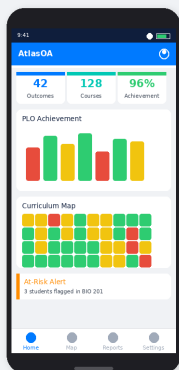
## At-Risk Alerts

Automatically flags students with multiple low scores across courses. Early warning system enables timely intervention.



## Annual Planning

Build accreditation-ready assessment plans per program per year. One-click DOCX export for reviewers.



## Mobile Responsive

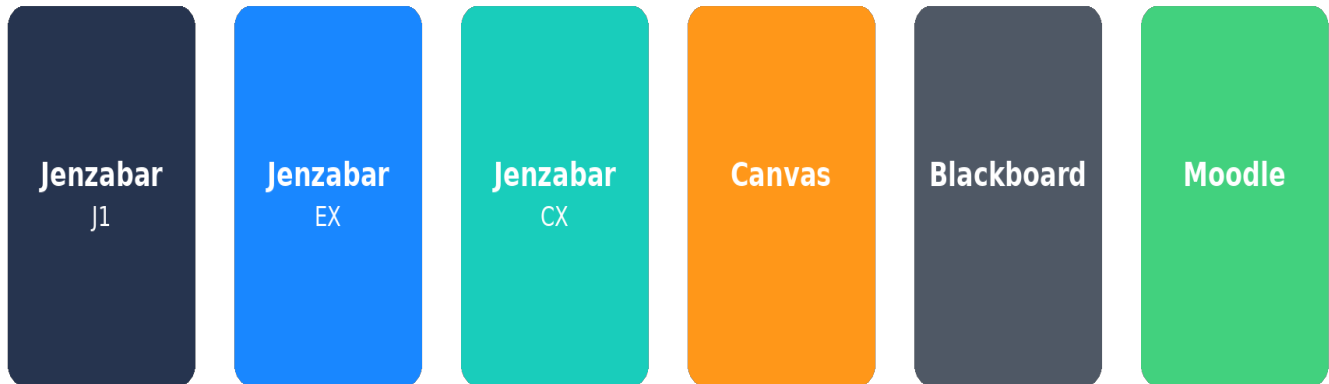
Full functionality on tablets and phones. Faculty and administrators can check dashboards, review student scores, and monitor at-risk alerts from anywhere on campus or on the go.

**Works on any device** - no app download required. Just open a browser and log in.

Additional capabilities: [Advisory Board Management](#) | [Instructor Performance View](#) | [Data Comparison \(Side-by-Side\)](#) | [REST API v1](#) | [Feature Directory & Gating](#) | [Gaps Analysis with Fix Links](#) | [Custom Branding & Dark Mode](#) | [Co-Curricular Activities Tracking](#)

# LMS Integrations

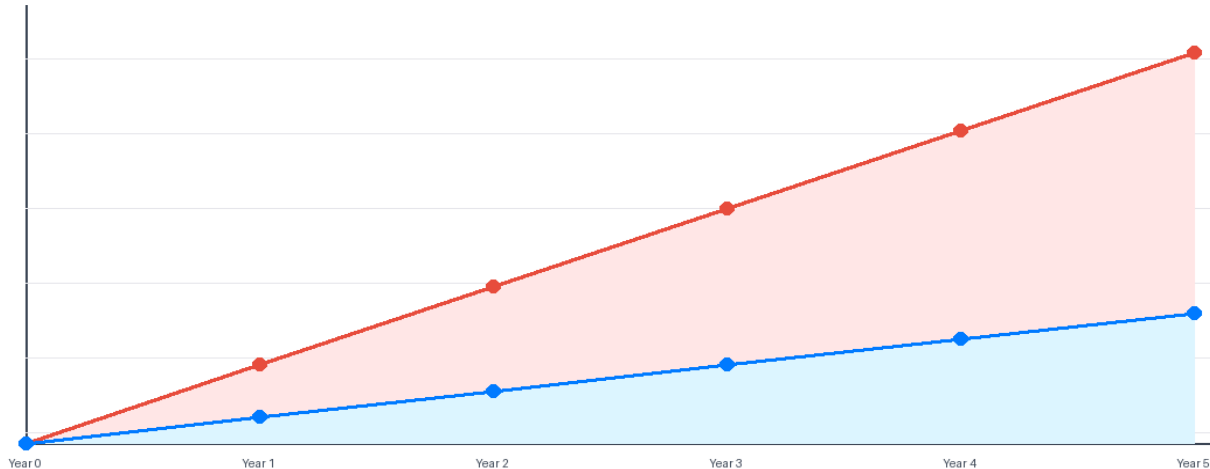
Connect directly to the learning management systems you already use.



LMS Platform	Connection	Data Synced
<b>Jenzabar J1 / EX</b>	Direct SQL Server	Courses, sections, instructors, students, enrollments
<b>Jenzabar CX</b>	Cloud REST API (OAuth2)	Courses, sections, instructors, students, enrollments
<b>Canvas LMS</b>	REST API (Bearer)	Courses, enrollments, students, grades, outcomes
<b>Blackboard Learn</b>	REST API (OAuth2)	Courses, enrollments, students, instructors, gradebook
<b>Moodle</b>	Web Services (token)	Courses, users, roles, groups, grade items

# The Cost Advantage

See how AtlasOA delivers massive savings over traditional SaaS assessment platforms.



Blue: AtlasOA Red: Typical SaaS Platform

	AtlasOA	Typical SaaS
Standard	\$2,000 - \$5,000/yr	\$15,000 - \$50,000/year
Premium	\$8,000 - \$12,000/yr	\$15K - \$50K/year recurring
4-Year Total	\$8K - \$48K	\$60,000 - \$200,000
Per-User Fees	None	Yes
Data Ownership	Yours Forever	Gone when contract ends
Source Code	Ultimate Tier (\$2-5K/yr addon)	No
Customization	Full	Limited
Offline Capable	Yes	No

## Save up to \$150,000 over 4 years compared to traditional SaaS assessment platforms

# Your Investment

Demo	Standard	Professional	Premium	Ultimate
<b>Free</b>	<b>\$2-5K</b>	<b>\$5-8K</b>	<b>\$8-12K</b>	<b>\$12-15K</b>
30 days All features Not locked	/year Core platform Machine-locked	/year Core + 3 addons Machine-locked	/year All 8 modules Machine-locked	/year Everything + Source code

Feature	Std	Pro	Prem	Ult
Core Platform + LMS	✓	✓	✓	✓
Advisory Boards	✗	✓	✓	✓
Cert Alignment	✗	✓	✓	✓
Course Evaluations	✗	✓	✓	✓
Lab Tracking	✗	✗	✓	✓
Badges / Micro-Credentials	✗	✗	✓	✓
Graduate Tracking	✗	✗	✓	✓
Evidence Portfolio	✗	✗	✓	✓
IE Dashboard	✗	✗	✓	✓
Source Code Access	✗	✗	✗	✓

**A La Carte Addons** - Add individual modules to any tier for \$500-1,500/yr each. Source code access available at \$2,000-5,000/yr. Mix and match to fit your needs.

**What You Receive:** Installer EXE • Machine-locked license key • Documentation • Annual service & updates • 6 LMS adapters

**Affordable annual licensing. No per-user fees. No hidden costs. Your data stays on your campus.**

## Quick Deployment Options

Option	Best For	Included
<b>Standalone Installer</b>	Double-click to run. Quick demo, evaluation, or single-user use.	<b>Yes</b>
<b>Windows Service Mode</b>	Always-on, auto-start on boot, auto-restart on crash. Campus-wide multi-user access.	<b>Yes</b>

Runs on Windows 10/11 & Server 2016+ | Python 3.8+ | SQLite (zero config) | Chrome, Edge, Firefox, Safari | 45 MB install | Tested with 10,000+ students

# Enterprise-Grade Security

AtlasOA is built with security at every layer. No shortcuts. No compromises.

## Authentication & Access Control

**License + Login on Every Request** - Before-request handler validates license, then checks session authentication on every single page load.

**Role-Based Access Control** - Three roles (Admin, Editor, Viewer) with 6 granular permissions: read, modify, delete, import, export, and admin.

**Destructive Route Protection** - Clear-all and undo-last-import routes require admin role plus explicit delete permission.

## Password Security

**PBKDF2 Salted Hashing** - Industry-standard password hashing via Werkzeug. Replaces legacy SHA-256 with automatic migration on next login.

**Minimum 8-Character Enforcement** - Password complexity enforced on account creation and all password changes.

## Login Protection

**Rate Limiting** - 5 failed attempts per IP per 15-minute window. Blocks brute-force attacks automatically.

**Failed Login Audit Logging** - Every failed attempt logged with username and IP address. Rate-limit blocks logged separately.

**Admin Unlock** - Administrators can clear lockouts from the User Management page with a full Login Activity dashboard.

## CSRF & Session Security

**Token-Based CSRF Protection** - Every POST form includes a CSRF token, auto-injected via JavaScript MutationObserver with constant-time comparison.

**Secure Session Cookies** - HttpOnly, SameSite=Lax, and Secure flag (when HTTPS enabled). Secret key auto-generated from `os.urandom(24)`.

## HTTP Security Headers (Every Response)

**Content-Security-Policy** restricts script/style/font/image sources | **X-Frame-Options: SAMEORIGIN** prevents clickjacking |

**X-Content-Type-Options: nosniff** | **X-XSS-Protection** | **Referrer-Policy: strict-origin-when-cross-origin** | **Permissions-Policy** disables camera, microphone, geolocation | **HSTS** 1-year max-age when HTTPS enabled

## Injection & Traversal Prevention

**Parameterized Queries** - All database operations use parameterized queries. Table names validated against whitelist, columns checked against PRAGMA table\_info.

**Path Traversal Protection** - `secure_filename` on all uploads. Backup restore validated with `regex + os.path.realpath`. Attachments verified within upload directory.

## File Upload & Data Protection

**Upload Restrictions** - 16MB max upload size. File type validation on imports and attachments. 100MB zip bomb protection with entry path validation.

**Sensitive Data Masking** - Password hashes and API tokens masked in admin DB browser. Sensitive columns blocked from inline editing. API tokens shown once via session.

## Audit Trail & Recovery

**Complete Audit Trail** - Every data change logged with timestamp, username, and before/after values. Full UI with search, filter, pagination, and export. Tamper-resistant with hash chain integrity - no deletions from UI.

**Auto-Backup & Scheduled Backups** - Automatic snapshot before every import, clear, and revert. Scheduled backups (hourly to weekly). Offsite backup to network path (UNC), SFTP, or S3-compatible storage. Defaults to 50, configurable up to 500.

## Licensing Security

**Machine-Locked Keys** - Ed25519-signed license keys cryptographically bound to hardware fingerprint. Feature list embedded in signed payload - cannot be edited.

**Clock Tamper Detection** - Tracks highest observed date and locks out if system clock is rolled back to extend an expired license.

UNDER DEVELOPMENT

# Introducing Atlas K-12

A whole-child student success platform coming to the AtlasOA family.

One view per student. Four data pillars. Early warning. Intervention planning.  
Built for K-12 districts, charter schools, and academies.

## Four Pillars of Student Success

### Academics

Course grades, GPA, standardized test scores, assessment trends. Supports traditional letter grades and standards-based grading.

### Attendance

Daily attendance tracking, chronic absenteeism detection (10%+ threshold), excused vs. unexcused, trend graphs, calendar heatmaps.

### Behavior

Discipline referrals, incident logging, suspension tracking. Percentage-based metrics so students can improve over time.

### Social-Emotional

Research-backed SEL surveys measuring grit, growth mindset, self-management, social awareness, self-efficacy, and emotion regulation.

## Early Warning System

Automatic risk tier calculation across all four pillars. Catch students before they fall.

### TIER 1

College/Career Ready

### TIER 2

On Track

### TIER 3

At Risk

### TIER 4

Critical

*Every child deserves the same level of intervention, tracking, and support regardless of what their district can afford.*

— Atlas K-12 is being built to give every school a premium platform without the premium price tag.

# Platform Capabilities

Everything educators need to support every student, on one platform.

## Holistic Student Profiles

Everything about a student on one page. Academics, attendance, behavior, SEL, intervention plans, referrals, and demographics.

## MTSS Intervention Planning

Create Tier 2 and Tier 3 intervention plans with goals, timelines, strategies, and progress monitoring with goal graphs.

## SEL Survey System

Research-backed surveys for grades 3-5 and 6-12. Administer 1-3 times per year. Measures 6 core SEL competencies.

## Referral System

Educators refer students for academic support, counseling, behavior intervention, or family outreach. Full status tracking.

## Smart Groups

Auto-generated student groups based on risk tiers, demographics, grade level, or custom filters. Target interventions precisely.

## Leadership Dashboards

District and school-level views: chronic absenteeism, intervention effectiveness, behavior trends, strategic goal tracking.

## Strategy Library

Built-in playbook of research-based intervention strategies organized by domain and tier. Add your own institution strategies.

## Configurable Thresholds

Every risk threshold is adjustable. Choose your grading system, set attendance cutoffs, define behavior and SEL levels your way.

# SIS Integrations

Connect to the student information systems your district already uses.

PowerSchool

Infinite Campus

Skyward

Aeries

Tyler SIS

Q by Ziegler

+ 20 more via CSV, SFTP, OneRoster, and Ed-Fi standards | Demographic disaggregation on every report

## Pilot Schools Wanted

We're looking for K-12 schools and districts to pilot Atlas K-12 during development. Early access to every feature, direct input on priorities, and founding partner pricing that locks in permanently.

**Visit [atlasoa.com](https://atlasoa.com) or email [atlasoa@outlook.com](mailto:atlasoa@outlook.com) to join the pilot program**

**Feature Gating** - License key controls which modules are unlocked. Locked features show upgrade prompts. Feature directory displays full unlock status.

**API Token Security** - REST API v1 with Bearer token auth and constant-time comparison (hmac.compare\_digest). Referrer validation on all redirects.

### Email Alerts (SMTP)

**SMTP Configuration** - Built-in Gmail, Outlook, and Yahoo presets. Post-import alerts when CLOs drop below threshold. Daily digest option. Test email button to verify config.

**47 security controls built in. Zero external dependencies. Your data never leaves your campus.**

### Limited-Time Offer - Jenzabar Partner Program

We are actively seeking a Jenzabar campus partner to collaborate on finalizing our Jenzabar EX and CX API adapters. In exchange for access to your Jenzabar environment during development, your institution will receive **six months of dedicated service at no cost** - including platform installation, LMS integration, data sync configuration, custom development, and priority support. Help us build the best Jenzabar integration on the market, and get a fully configured AtlasOA deployment tailored to your campus at no additional charge.

**Ashley Reddick**

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