Quicklaunch™
AI-powered integration & identity

FERRUM COLLEGE

Ellucian

PowerFAIDS

Jenzabar

Canvas By Instructure

workday.

Blackboard by Anthology

D2L

How Ferrum College Automated User Provisioning & Cybersecurity Readiness

Speakers

Eugene Hacker
Assistant CIO, Ferrum College

Over 20 years in higher education technology leadership from supporting students with technology challenges, to network administration and now managing the information and security strategy for the institution.

John Saullo
Director of Product, QuickLaunch

With 9+ years in Higher Ed Tech, John Saullo leads product management at QuickLaunch, helping campuses streamline operations with IAM and automation.

FERRUM COLLEGE

200 Customers+ | 1.2+ Million Users Daily

4 Year Public	LSU — Louisiana State University	University of North Carolina Asheville	University of Virginia
4 Year Private	National Louis University	Ferrum College	Roosevelt University
HBCU	ASU — Alabama State University	Shaw University — 1865	Fisk University — Established 1866
California Colleges	Golden Gate University	Coconino Community College	University of La Verne
2 Year Public	Confederation College	Spoon River College	Cowley College

And Many More

QuickLaunch IdentityX

✦ **Student & Staff Identity & Access Management -** modernizes and secures the student experience with single sign-on, MFA & password reset

✦ **Identity Governance & Administration -** thwarts ransomware phishing attacks with deprovisioning & modernizes the student experience by automating student onboarding.

QuickLaunch IntegrationX

Integration modernizes data integration by securely connecting apps, automating workflows, syncing data in real time, and powering digital transformation across cloud and on-prem systems.

✦ **Ellucian Integration Partner** - provides certified, pre-built connectors and APIs that seamlessly link Ellucian systems like Banner, Colleague, and Ethos

✦ **Free Licenses for Higher Education** - Offers free licenses to help higher education institutions modernize and innovate without budget barriers.

Quicklaunch™
AI-powered integration & identity

The Operational Challenge

Why Higher Ed Systems Fall Out of Sync

In Higher Ed, critical systems like your Identity Store, SIS, LMS, HR, and Finance all manage their own data and rarely stay in sync.

Institutions often rely on:

- Custom PowerShell, Python, or SQL scripts for user provisioning
- Manual CSV transfers between systems
- Nightly batch jobs that delay onboarding and updates

This creates:

- Inefficiencies across departments
- Frequent data mismatches
- Dependency on a few IT staff who "know the scripts"

Higher Ed Systems

The hidden Cost of Manual and Scripted Processes

Security Exposure: Dormant accounts linger without deactivation.

Compliance Gaps: No unified logs or policy enforcement across systems.

Delayed Access: Students, faculty, and staff wait hours or days for accounts.

Data Inconsistency: Key systems show outdated or mismatched information.

Staff Dependency: Only certain IT admins understand or maintain scripts.

The Solution: QuickLaunch ILM + Integrations

QuickLaunch replaces outdated scripts and manual workflows with modern automation that's:

Reporting and Logs: Comprehensive reporting and Audit ready logs.

Comprehensive: 500+ pre-built connectors for Higher Ed applications.

API-Driven: Real-time synchronization replaces batch jobs.

No-Code: A visual builder anyone can manage, no scripting required.

Event-Based: Automatically responds to changes in SIS or HR.

About Ferrum College

Ferrum College is a private college in Ferrum, Virginia, founded in 1913 as the *Ferrum Training School*. It later became Ferrum Junior College (1940–1976) and gradually expanded into a full post-secondary institution. Today, it enrolls about 800 students and offers 54+ undergraduate majors and 4 graduate programs.

Its 700-acre campus sits in the foothills of the Blue Ridge Mountains.

Ferrum's athletic teams, the Panthers, compete in NCAA Division III (ODAC), with 11 men's and 14 women's teams. The football team is also known as the "Black Hats."

The campus is listed on the National Register of Historic Places.

Quicklaunch
AI-powered integration & identity

FERRUM
COLLEGE

Ferrum College
Quicklaunch Deployment Experience

Identity Lifecycle Pain Points (Before Quicklaunch)

Separate account management per application (Office365, Gmail, Brightspace, etc.)

Account creation
- CSV exports from our SIS and uploads for account creation
- Manually run Powershell scripts and API calls to create cloud software accounts

Identity Management

No use of multi factor authentication

Quicklaunch
AI-powered integration & identity

Issues with the "Old Way"

We followed "best practices" for password management and encouraged users to have different passwords for each account.

Security was weak

Even though we used scripts and csv uploads for account creation, account changes resulted in manually changing account data in multiple places
- Examples: Name changes, account changes when hiring former students, issues when students leave and decide to return, etc.

The customer experience
- While some users had a good onboarding experience, others did not. The experience was inconsistent.

OLD WAY PASSWORD RESET

1. PREPARE CSV

2. UPLOAD FILE

3. SYSTEM PROCESSING

USER DB   ERROR

VALIDATE & UPDATE

SECURITY RISK! NOT SECURE!

Business Drivers for Change
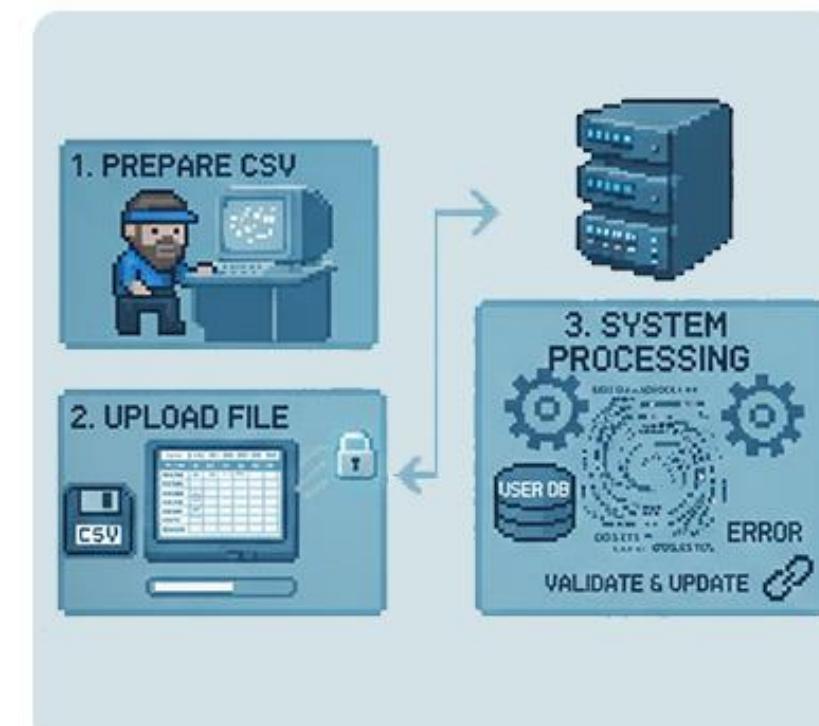
"User Experience"

o Unifying our existing platforms into a common identity solution

o Simplifying end-user access

o Simplifying end-user account management

o Improving security and introducing multi factor authentication

o Improving account creation automation and reducing human error

Special Requirements

o Our SIS must remain the source of truth

o We can't interface directly with the SIS because of hosting requirements

o Phase 1: We onboarded Gmail, Brightspace, and Office 365 with SSO

o Phase 2: We automated account creation of Gmail and Brightspace (O365 already syncs with AD)

o Phase 3: Campuswide MFA
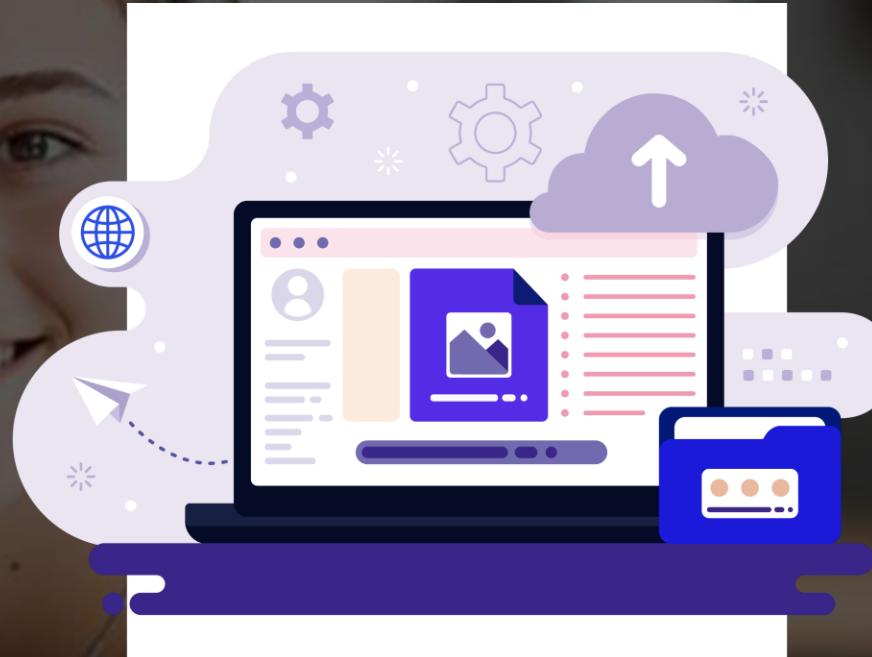
Automated Provisioning
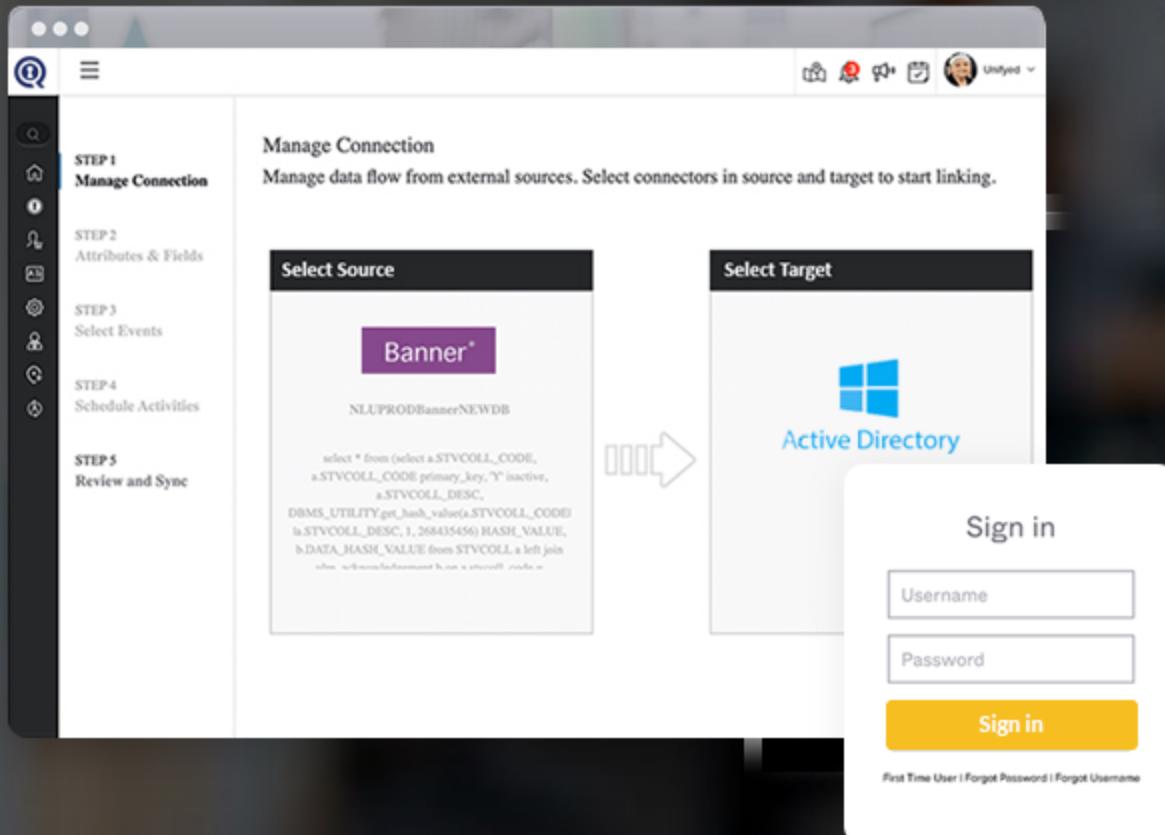
- Our SIS Hosted environment restrictions prevented interactions from 3rd party integrations, so we improvised:

  SIS >> AD >> QuicklaunchDB >> Apps

- Brightspace and Gmail would be have automated account creation based on the accounts synced to Quicklaunch from Active Directory

Benefits from Quicklaunch Solution

- Reduced password reset tickets (evident by the dashboard)

- Self-sufficient end users (reset passwords)

- Simplified access for users (less forgot passwords)

- Account creation automation

- Greater account security through MFA

- Greater account security through the simplification of account access

- Easier management for IT staff
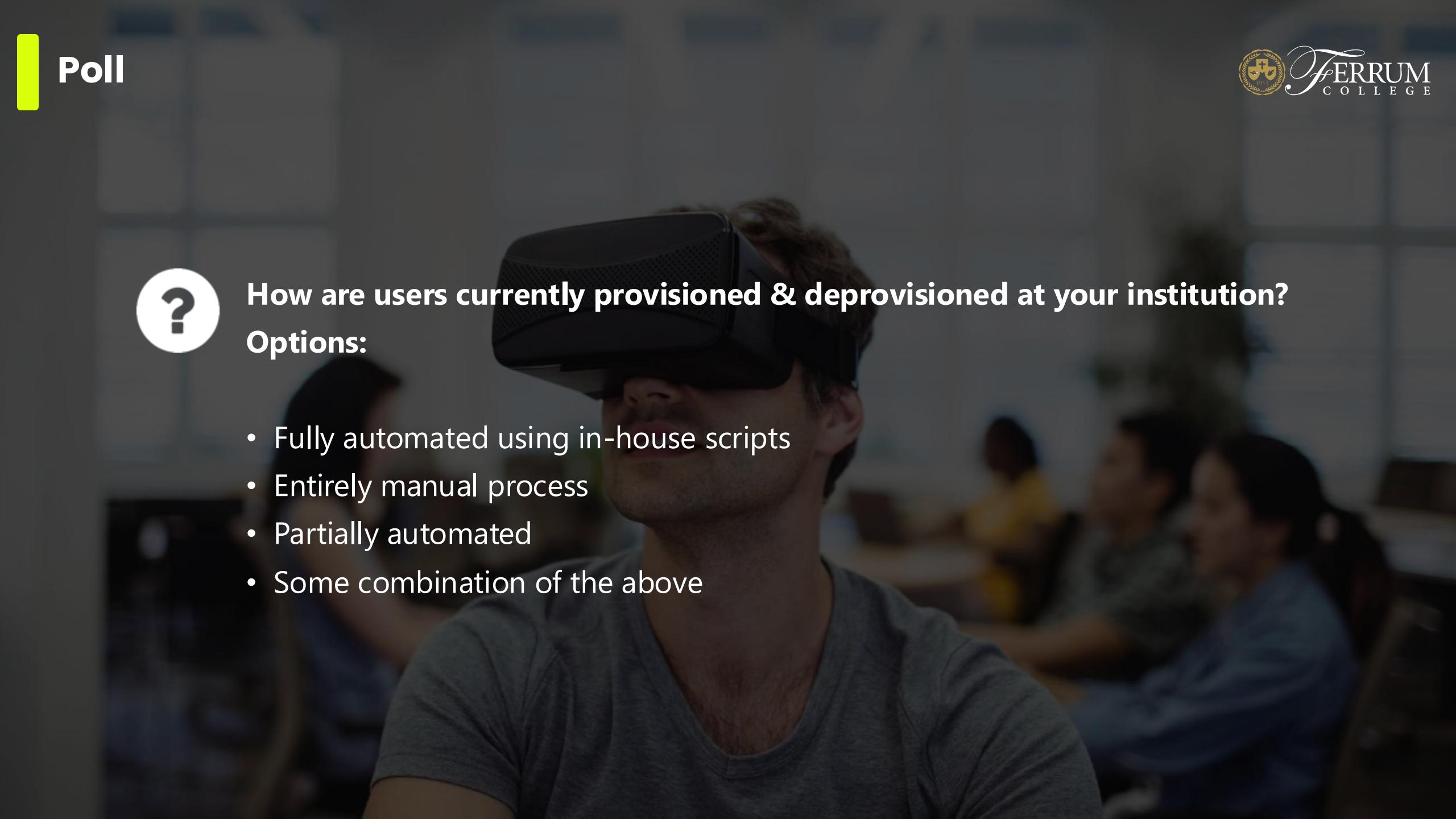
Poll

How are users currently provisioned & deprovisioned at your institution?
Options:

- Fully automated using in-house scripts
- Entirely manual process
- Partially automated
- Some combination of the above

Quicklaunch
AI-powered integration & identity

FERRUM COLLEGE

Demo: From Scripts to Modern Automation

Pre Built Connectors	Simple Access
No Code Integration	Simple Integrations
Self Service Account Claim	Effortless Account Claim

Governance, Security and Compliance

FERPA

GLBA

NIST

HECVAT

TX-RAMP
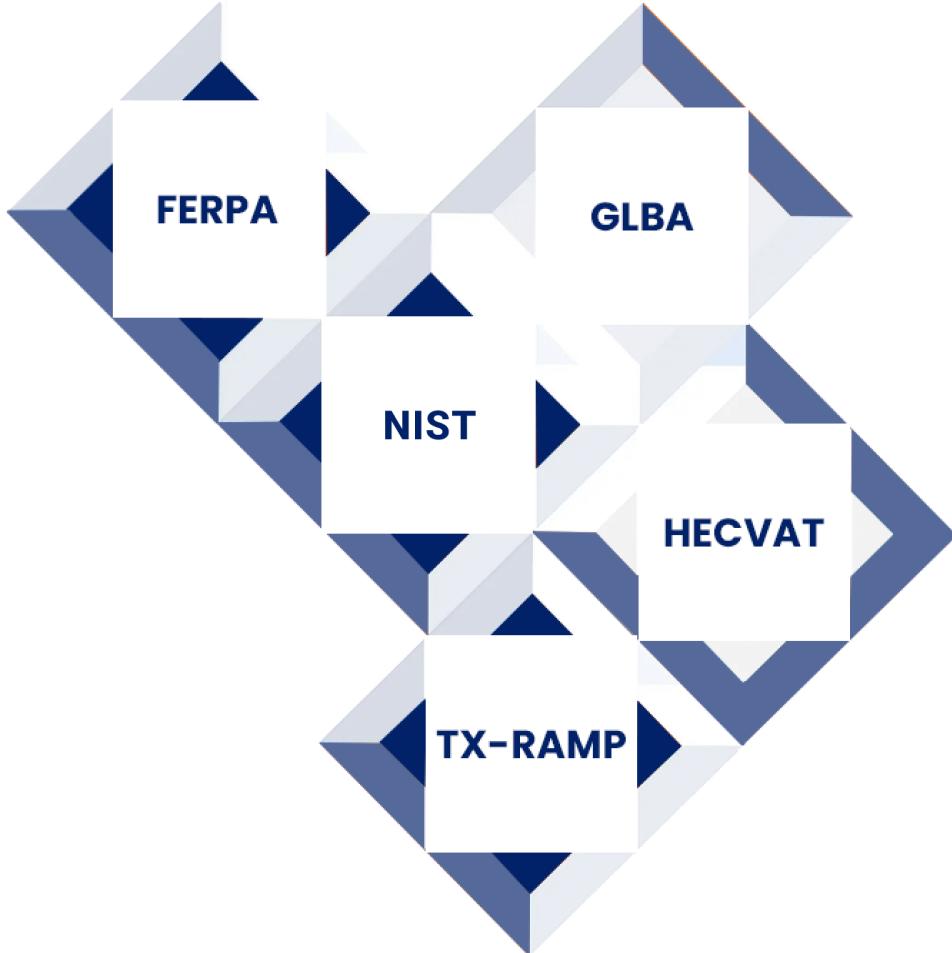
Automation enhances both efficiency and control.

Audit Logs: Every account and data change is tracked.

Policy-Based Workflows: Govern access by user type, department, or system.

Data Security: Eliminates risk from dormant accounts or human error.

Compliance Alignment: Supports FERPA, SOC 2, and NIST 800-63-4.

Resilient Infrastructure: Reduces key-person dependency and scripting errors.

Poll #2

How confident are you that your current integration methods can scale with your campus growth or technology roadmap?

Options:

- Very Confident
- Somewhat Confident
- Not Confident
- Not Sure

Q & A
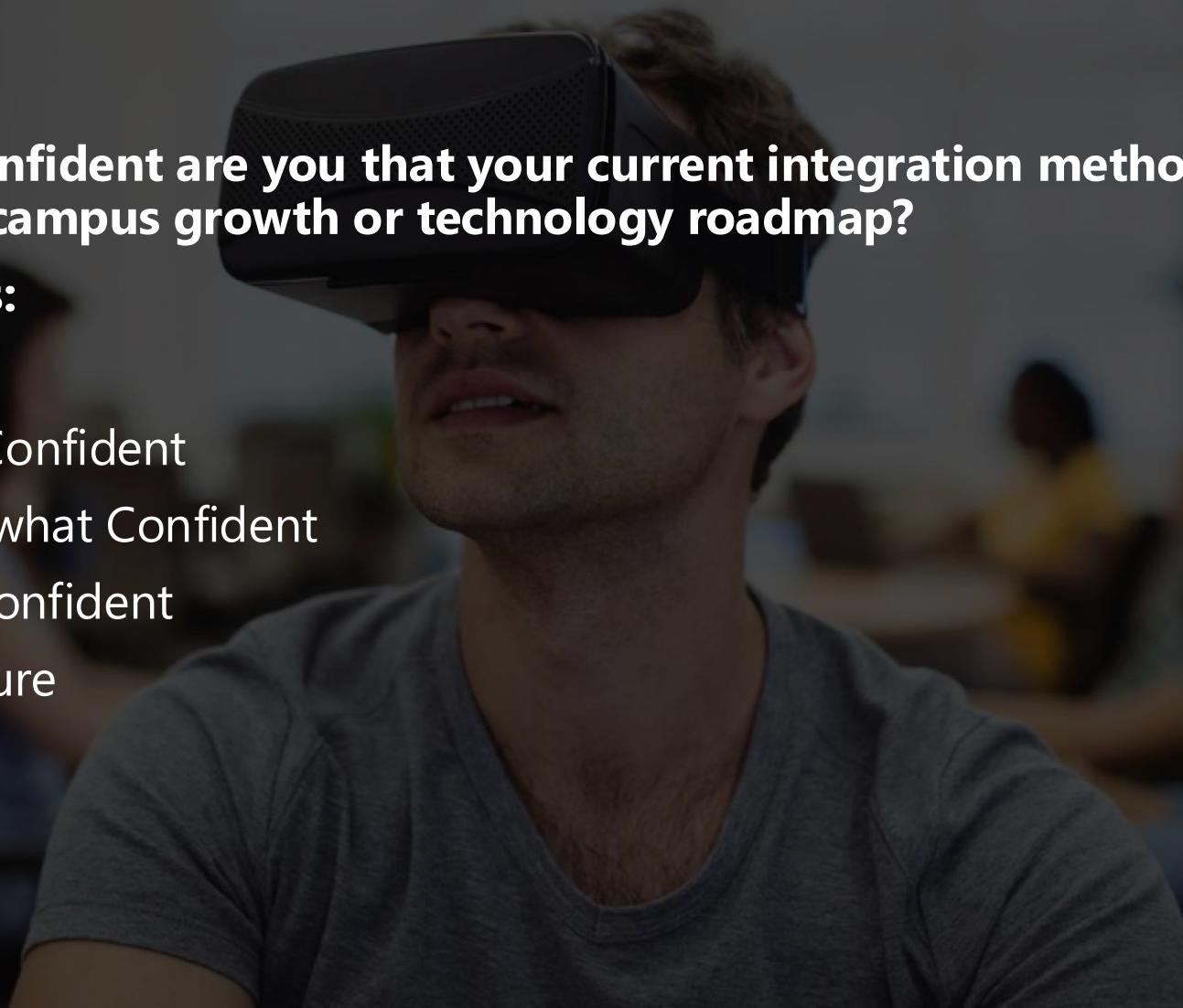
? We'd now like to open the floor for your questions.
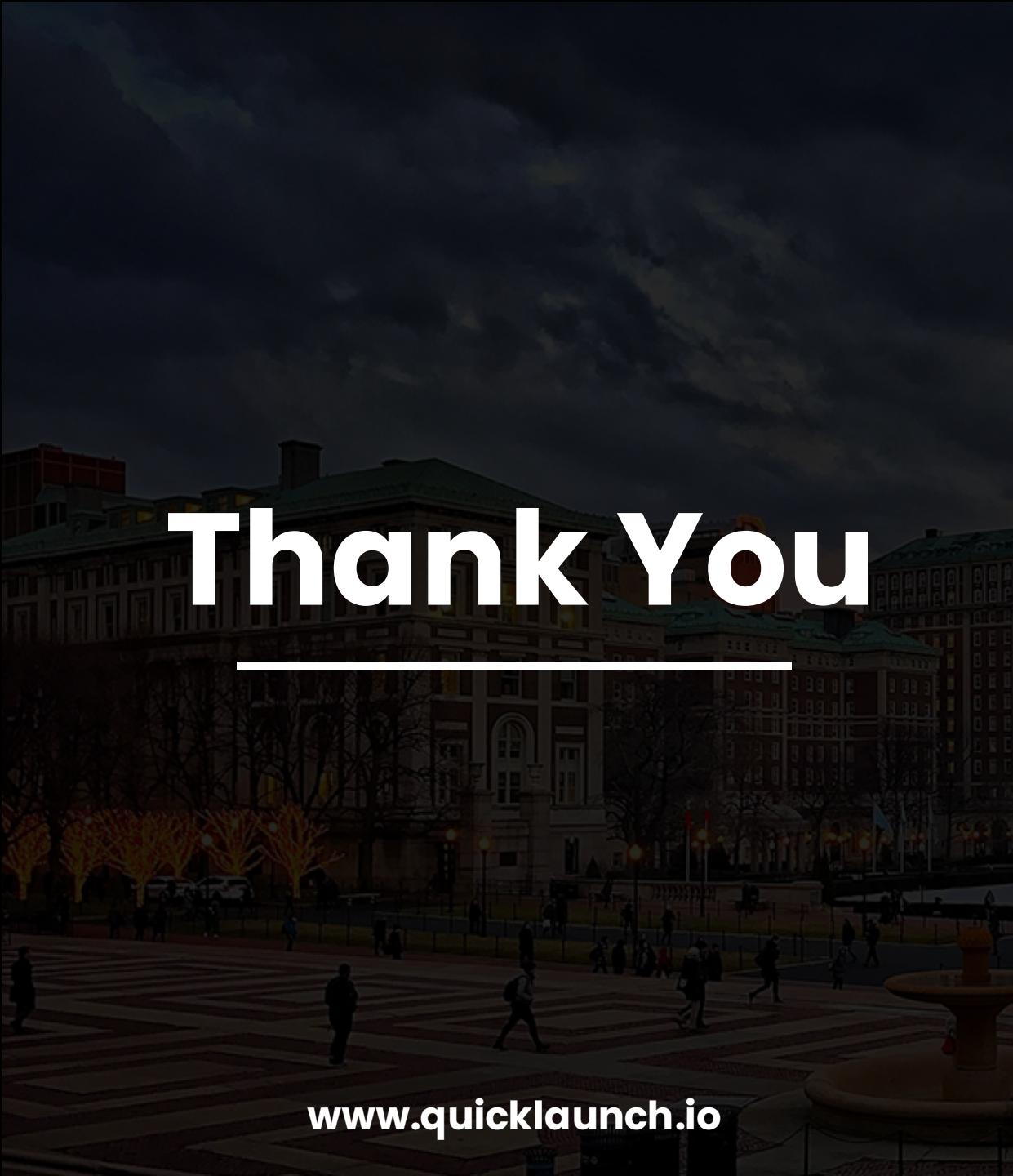
Thank You

www.quicklaunch.io

Quicklaunch™
AI-powered integration & identity

📞 +1 844 752 8624