The Art of the Possible : Illinois Community College Chief Financial Officers (ICCCFO)

Unlocking Collective Impact through System-wide Modernization

Raymond Mendenilla – Senior Director, Digital Transformation

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Instructions

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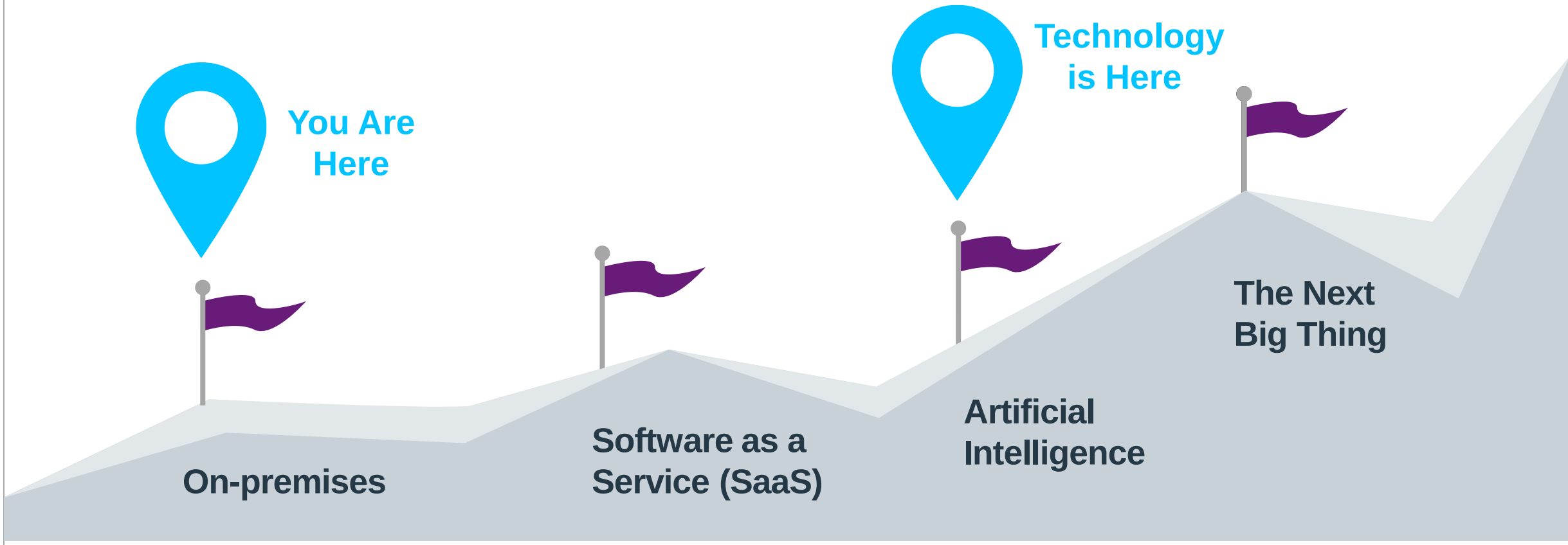
What institutions are you representing today?

The Next Big Innovation Awaits Those Prepared to Seize It



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Systemness enable institutions to work together toward common goals of student success & equity.

System / Governor’s office / Consortium / Board defines the Strategic Plan

Data is used to validate the institution’s progress toward these strategic goals.

Your need a tech partner that offers the **best access to reliable data**.

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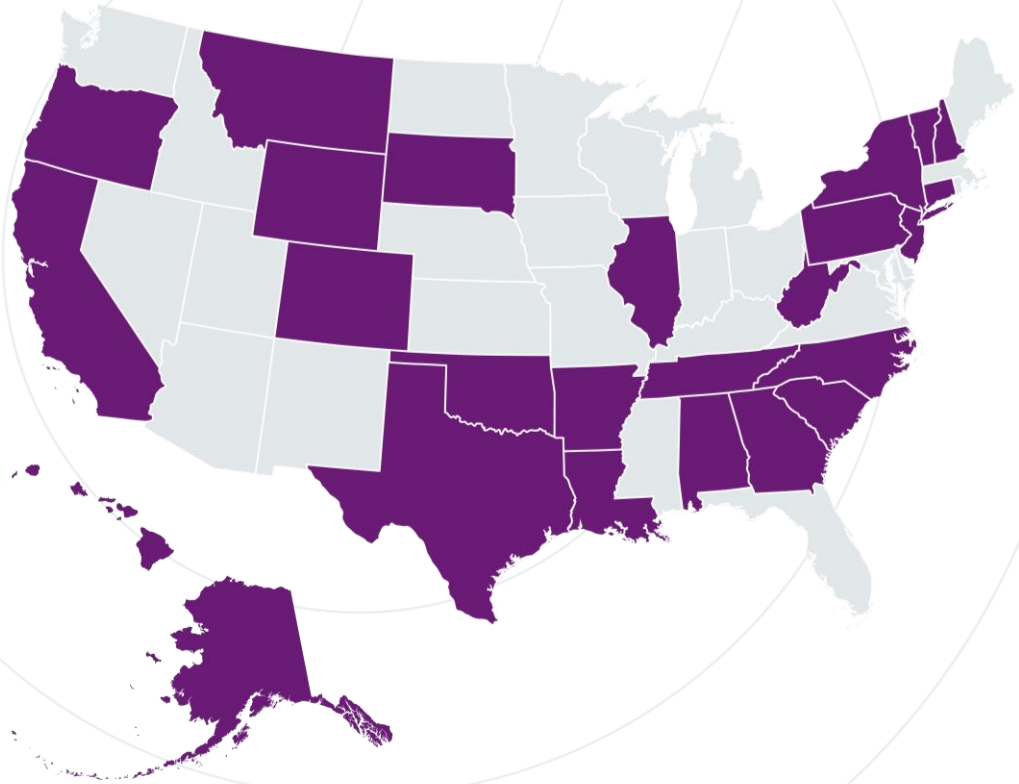
Ellucian Has Experience Supporting Systems on Transformation Paths

Based on IPEDS, Ellucian has presence in **66 out of 74** U.S. college systems in the United States

28 U.S. college systems run Ellucian ERPs with a systemwide approach

Serving **5.2M+** students across these systems nationwide

Supporting **550+** institutions on transformation paths



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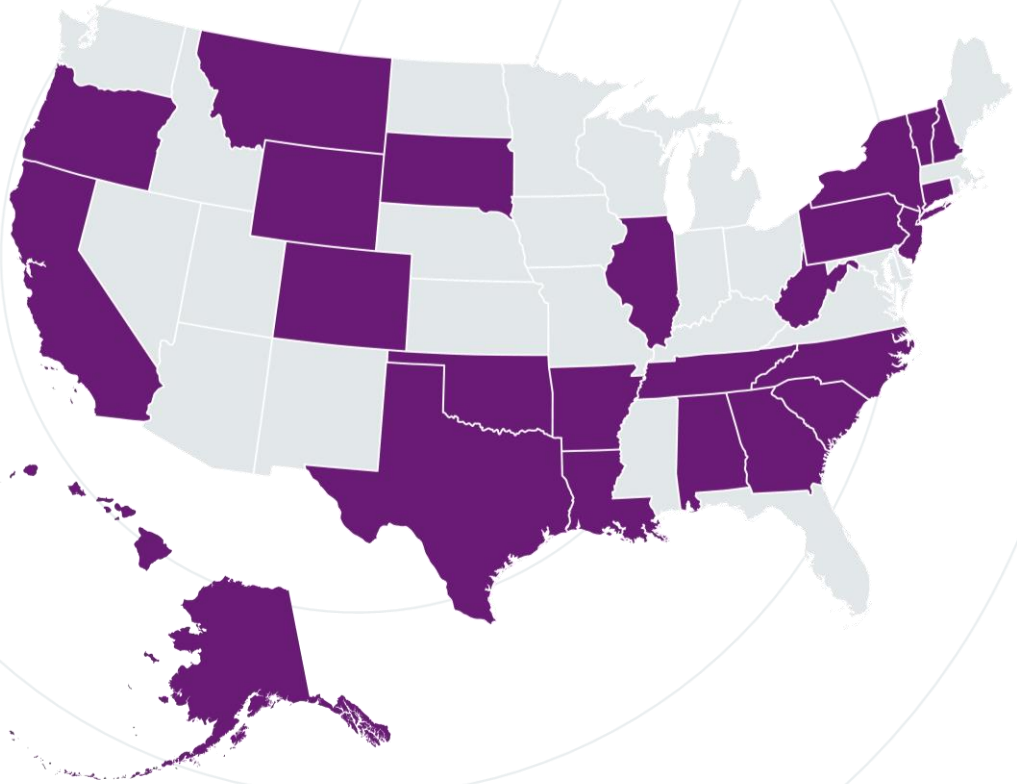
Ellucian Has Experience Supporting Systems on Transformation Paths

- Improved, consistent, and frictionless student experience
- System-wide integration of data and solutions to facilitate collaboration across institutions while maintaining autonomy for branding and unique policies
- Analytics that transform data into actionable insights
- Leveraging collective strengths to drive student success



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Higher Education Today: North America

And all of these become harder to overcome with disjointed, complex technology.

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The Higher Education Landscape

Institutions are being asked to do more with less while meeting the changing needs of learners.

Changing Enrollment Dynamics

Governmental regulations, funding shifts, and regional demographics changing enrollment patterns

Alternative Credentials

Acceleration of non-traditional degrees and programs

Mental Health

Students struggling to maintain their mental wellbeing

Artificial Intelligence

Uncertainty around the role and impact of Generative AI

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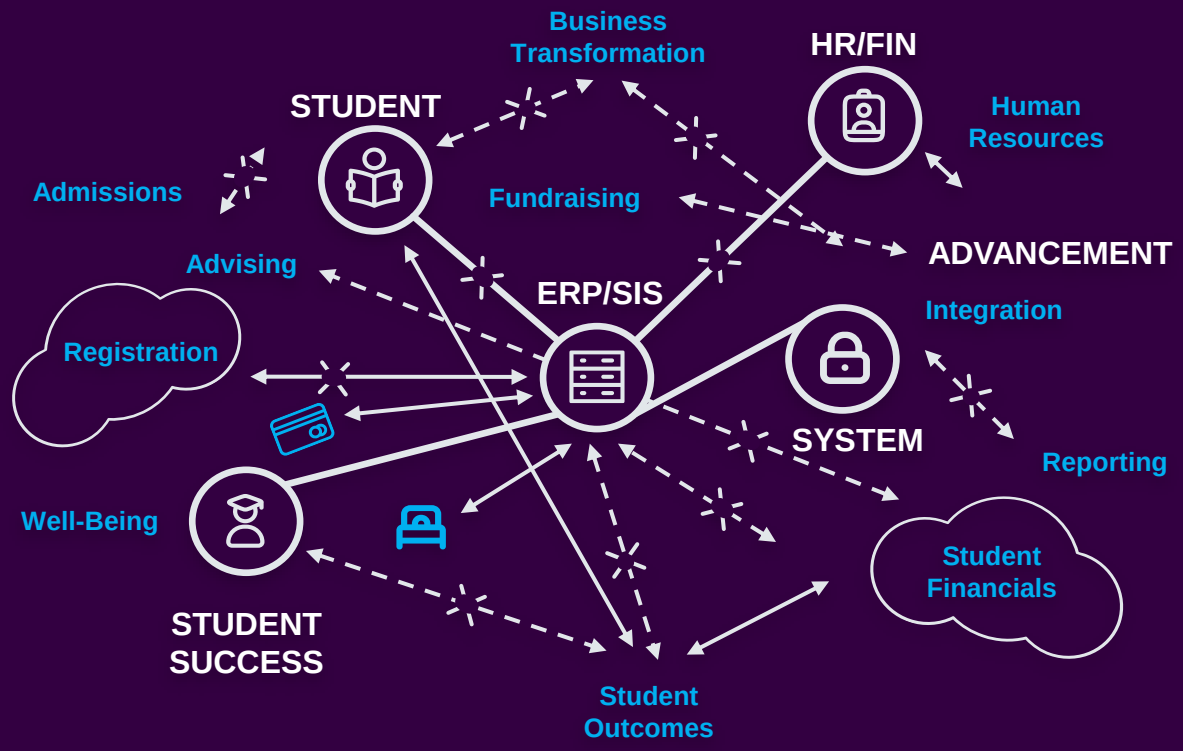
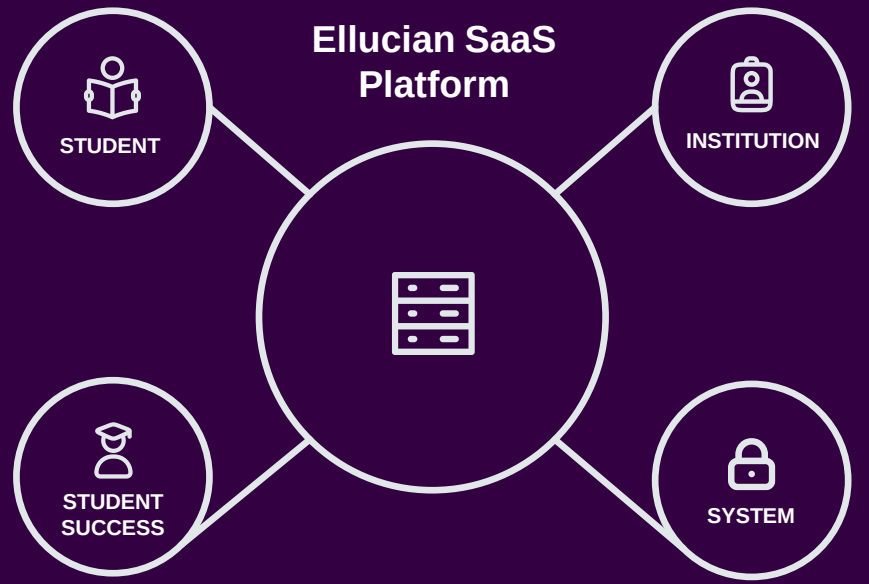
What is the top challenge facing your institution that needs to be solved?

A Stabilized Ecosystem With the Ellucian SaaS Platform





Broken and Fragile → **Stabilized Ecosystem**

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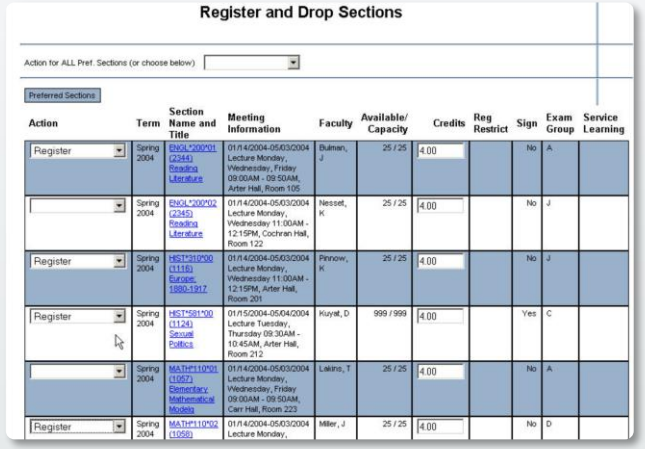
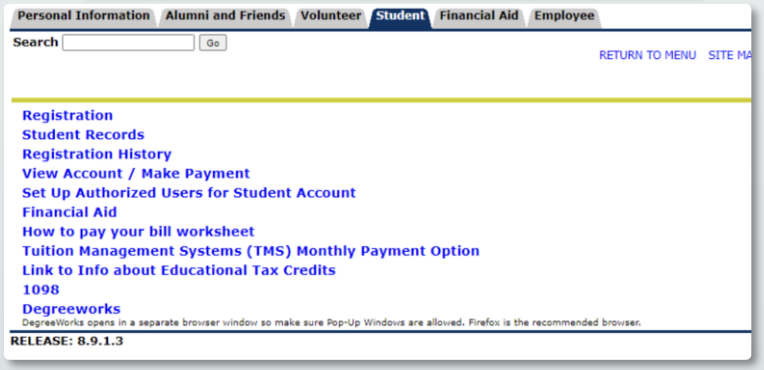
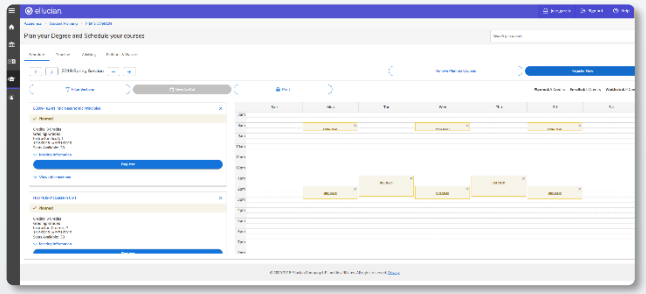
SaaS Means Consistently Current

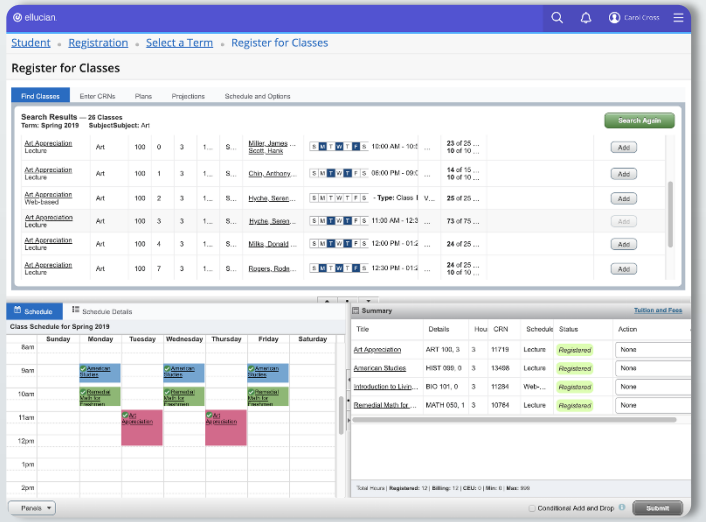
Today's Reality



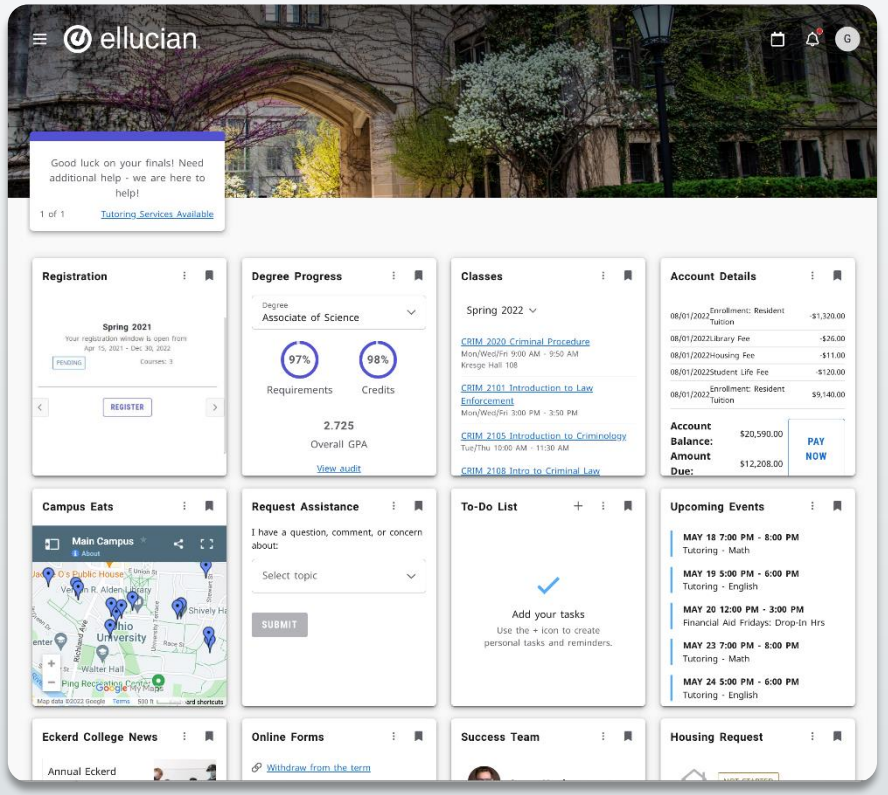


Yesterday's Potential





~~Future~~ NOW



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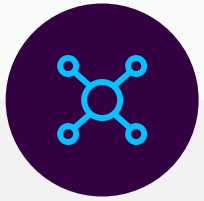
Future Systems Will Use Data Strategically



Automate Data Aggregation

Move from manual synthesis to data always flowing in

Improve Data Quality & Reporting

Establish persistent data standards & seamless reporting and compliance

Reduce Manual Labor

Staff can focus more on outcomes than process

optimize the reporting process …

Share Learnings & Efficiencies

Share learnings and optimizations across the system

Become Strategic Partners

Identify new opportunities and seek funding

so you reach **full system potential**

PASSHE Uses Technology as a Force Multiplier

10 universities | 97,708 Students

The Goal	The Solution	The Result
Move greater workloads to the cloud, enhancing cybersecurity, promoting greater cross-university collaboration, and granting PASSHE students access to courses at any affiliated institution	The Project—known as OneSIS—provided an adaptable and future-ready Shared Technology Platform (STP) to which all 10 individual SIS's could be transitioned while maintaining each institution's ability to configure their technology to meet their specific needs	✓ More modern student experience ✓ Increased course access for students ✓ Standardized and streamlined processes for PASSHE institutions ✓ Enhanced cybersecurity across the system

Scaled innovation
28 Ellucian solutions granted to 10 institutions

40% increase
in admitted students
PennWest

150% increase
in course offerings
PennWest

Pennsylvania's STATE SYSTEM of Higher Education

It was more compelling when we talked about our system of the future, for the criticality for moving to the cloud, for staffing reasons, for cybersecurity reasons. **When you move to a cloud provider you get a force multiplier.** You have these cloud architects that are at the ready who can support you. In addition, institutions that are in silos on their own had other institutions that they could rely on that maybe have gone through those problems that was something new that institutions managed on their own and didn't have schools they could tap into, so it did further this idea of systemness.

ROSA LARA

PASSHE System CIO

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A Systemwide Solution for Workforce Development

24 Colleges | 168,000 Students

Challenge

To achieve a statewide workforce development initiative, the Alabama Community College System (ACCS) needed to move away from legacy systems to standardize and streamline continuing education across 24 institutions.

Solution

Ellucian Elevate
Ellucian Banner Cloud

"[Before Elevate, ACCS] colleges had offered the same programs without any change for maybe five, seven, 10 years. Elevate allows us to use labor market data to match our college offerings with current needs."

Kathi Carr
Business Analyst, Alabama Community College System

Result

Implemented systemwide and integrated seamlessly with Banner, Elevate gives ACCS data-driven insights to identify and fulfill Alabama's workforce needs today and into the future, while modernizing the student experience.

24
Institutions in more than 130 locations standardized

2x
As many enrolled students accounted for than originally reported

480%
Decrease in student registration processing time

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We [used to ask] all 24 schools for the information, compile it, and normalize any financial data. The biggest benefits are having all the data in one location, being able to develop system-wide reports, and being able to highlight deficiencies and successes in real time. [Now] as we're more responsive to the legislature, they've been more responsive and generous with funding. It's a win-win.

BEN ROSEBROCK
Vice Chancellor of IT
Alabama Community College System

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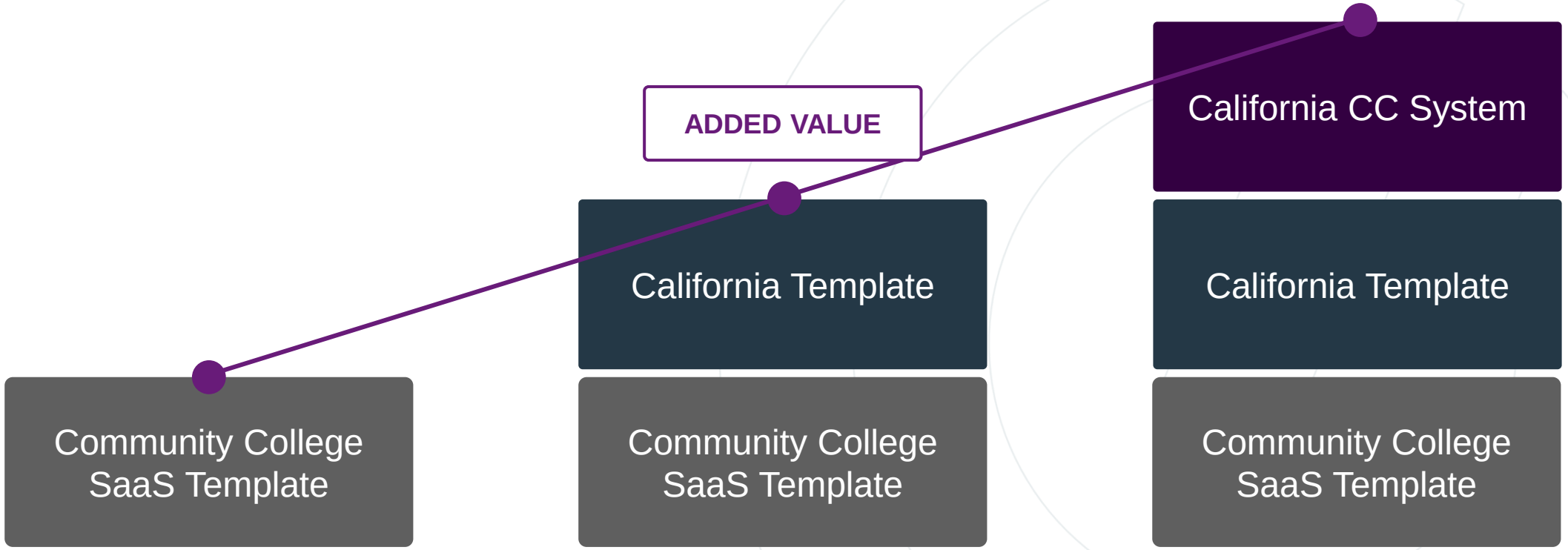
Systems: Culmination of Multi-Tiered Value

The California Case Study



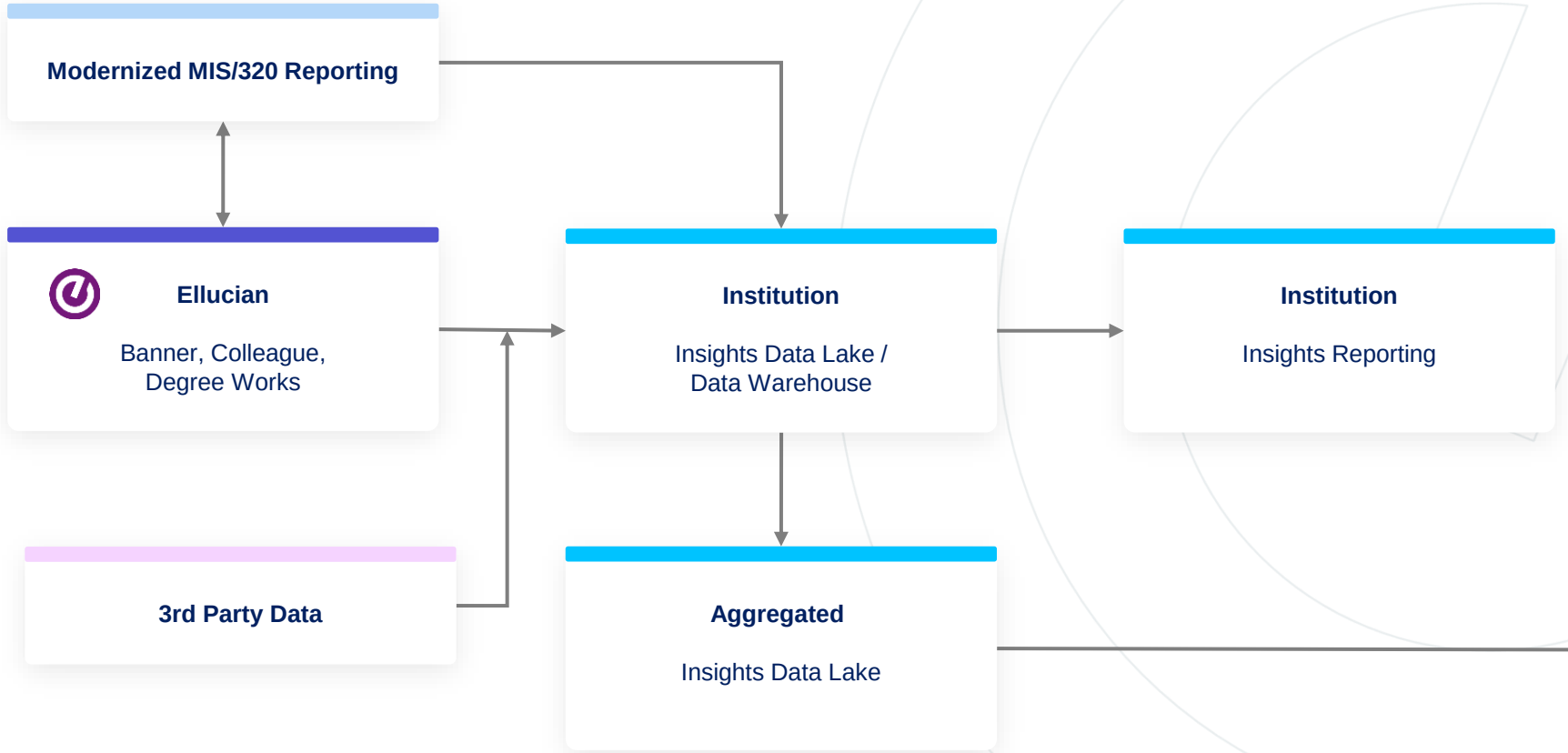
- Get to Baseline
- Faster Implementation
- Fixed Price Package

- Out-of-the-Box Extensions
- AI Features
- Workforce / Skills Insights
- Machine Learning / Prediction
- Write-Back Options

- **Common Cloud Data Platform**
- Solutions regardless of ERP
- Reduce Manual Reporting Labor
- Chancellor Dashboard
- 34 California Reports
- 63 Integrations

CCC Common Cloud Data Platform Design

Project Vision

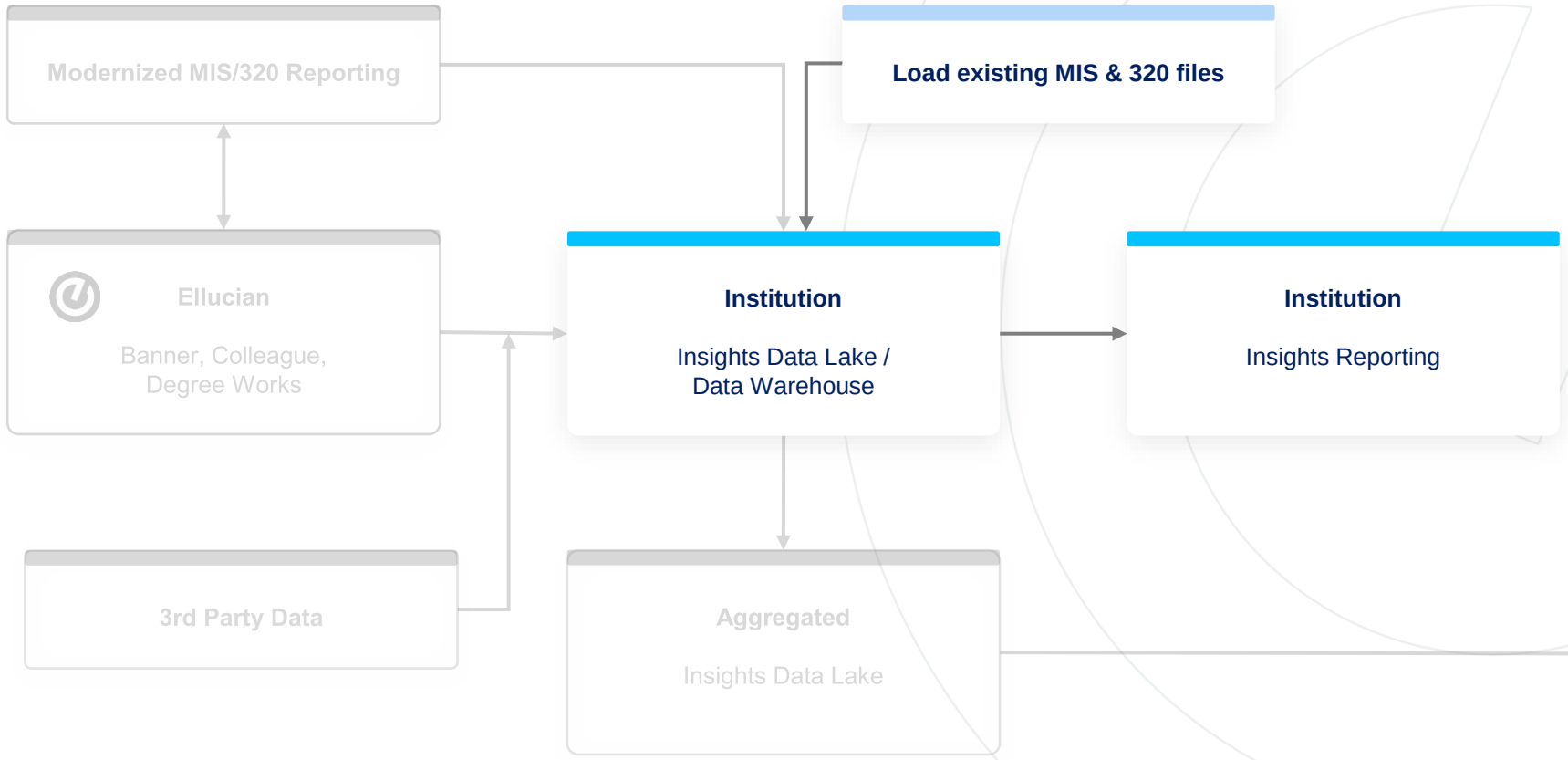


Vision Highlights

- MIS and 320 data available in Aggregated Data Lake
- ERP and 3rd party data available in Aggregated Data Lake
- Districts can report on MIS, 320, 3rd party and ERP data (including transactional data) from within Insights
- Districts can derive functional and fiscal benefits

CCC Common Cloud Data Platform Design

3 Month Milestone



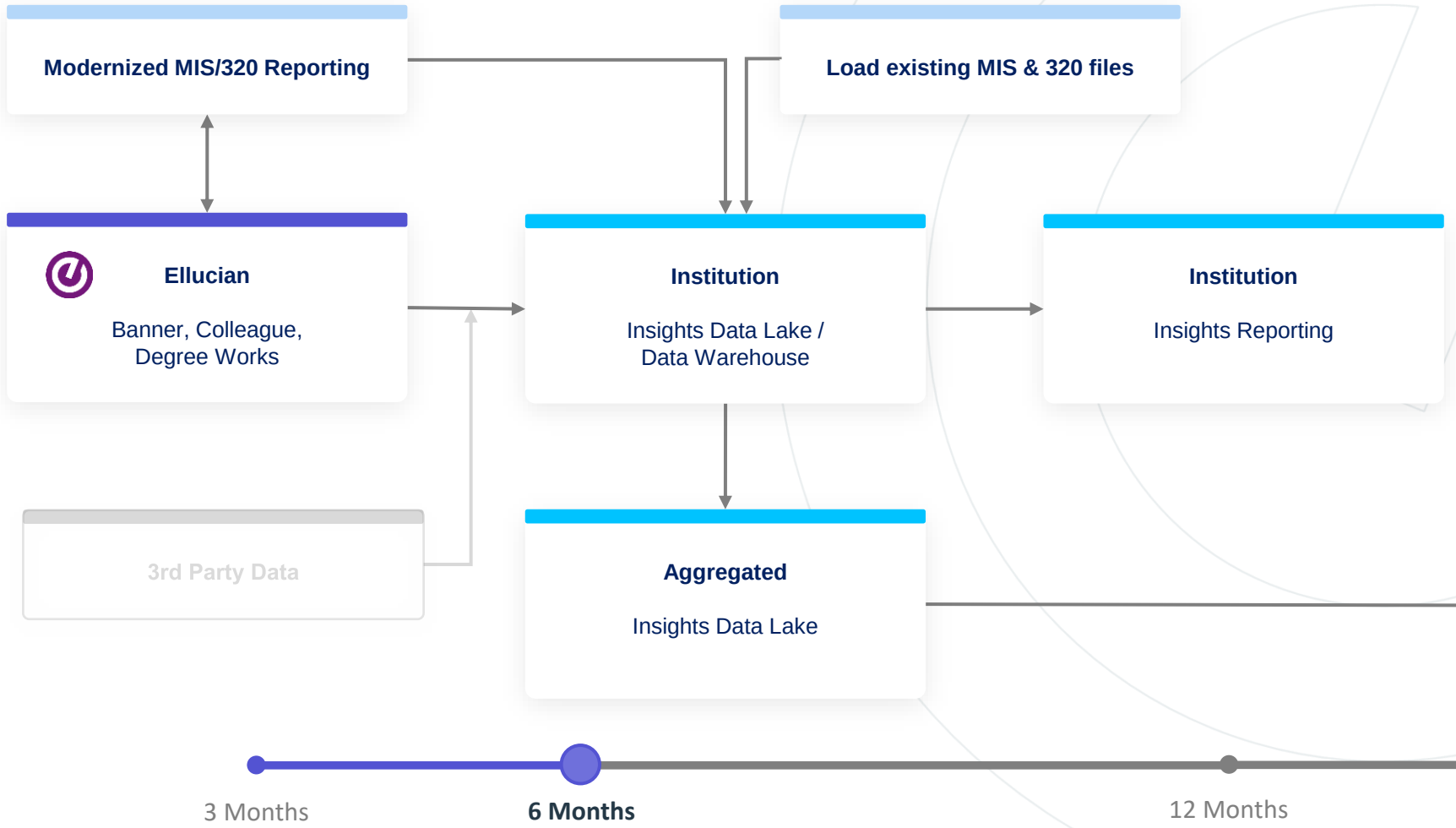
Milestone Highlights

- MIS / 320 data in Insights
- Insights & Experience Provisioned
- Data Connect Import for MIS / 320

CCC Common Cloud Data Platform Design

6 Month Milestone

California Community Colleges



Milestone Highlights

- ERP data available in Insights
- Systemwide data lake feeds Invoke
- 3 x MIS files modernized
- Validation rules, fast updates

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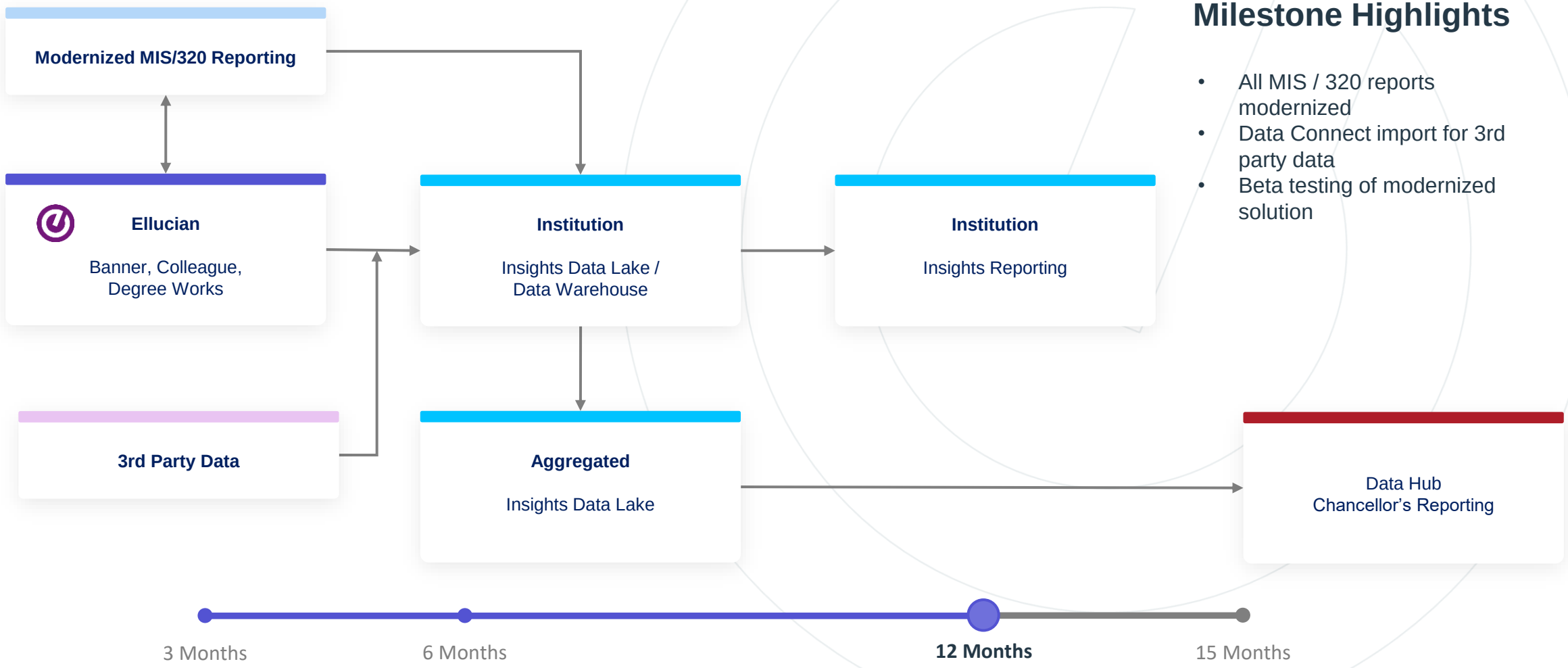
CCC Common Cloud Data Platform Design

12 Month Milestone

California Community Colleges



Milestone Highlights

- All MIS / 320 reports modernized
- Data Connect import for 3rd party data
- Beta testing of modernized solution

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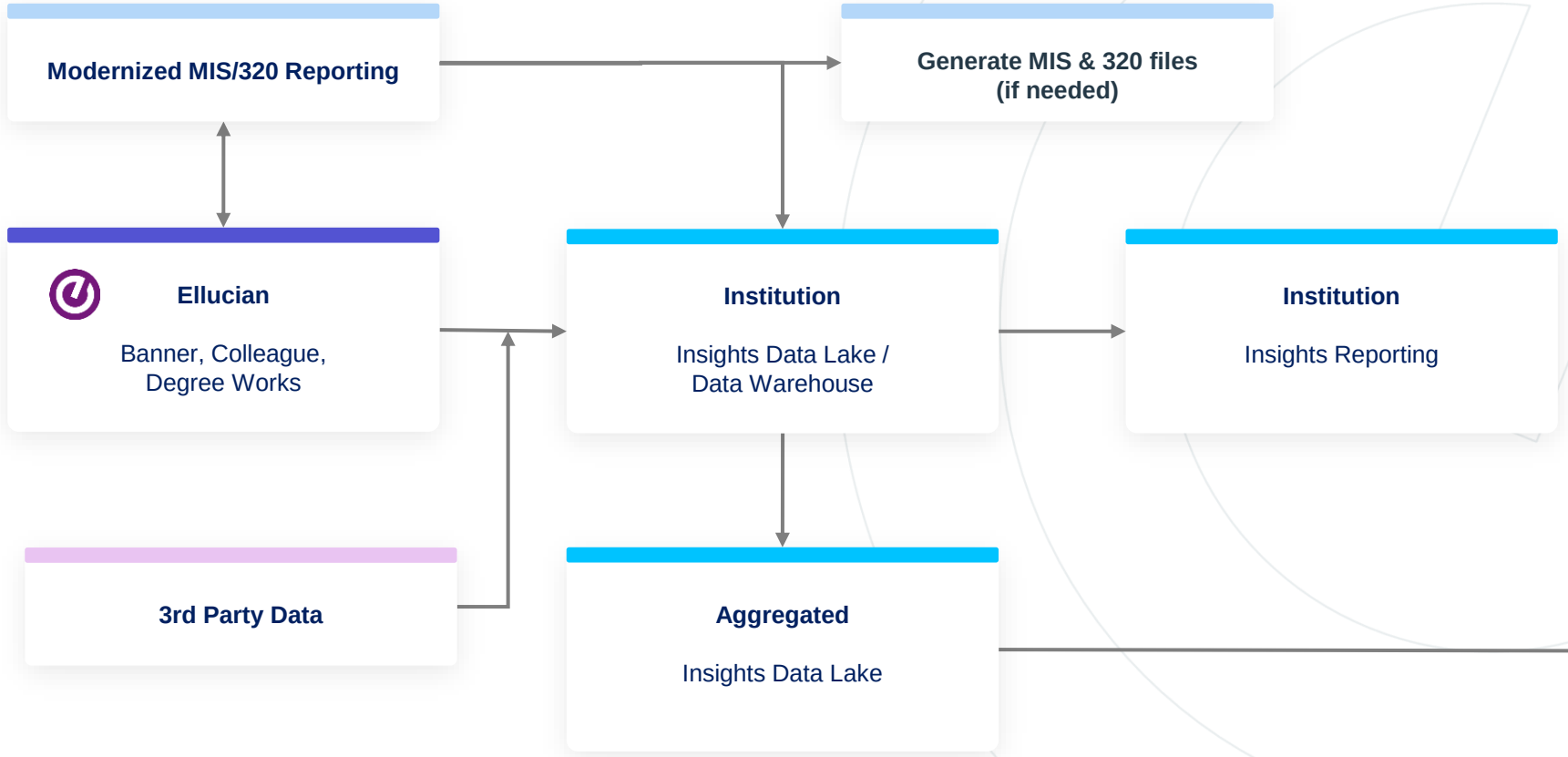
CCC Common Cloud Data Platform Design

15 Month Milestone

California Community Colleges



Milestone Highlights

- MIS and 320 files can be generated
- Decision point for adoption

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California Community Colleges

The Common Cloud Data Platform, a field-driven initiative in partnership with the state chancellor's office, is set to modernize data accessibility with a single interface, regardless of ERP, for chancellor's office to access districts' data. By establishing a shared data platform, it will offer near real-time insights into student enrollment, headcount, and progression system-wide, while unlocking efficiencies of scale to save staff time for strategic endeavors.

Rupa Saran

Chief Information Technology Officer, Coast Community College District, Project Leader - CCDP

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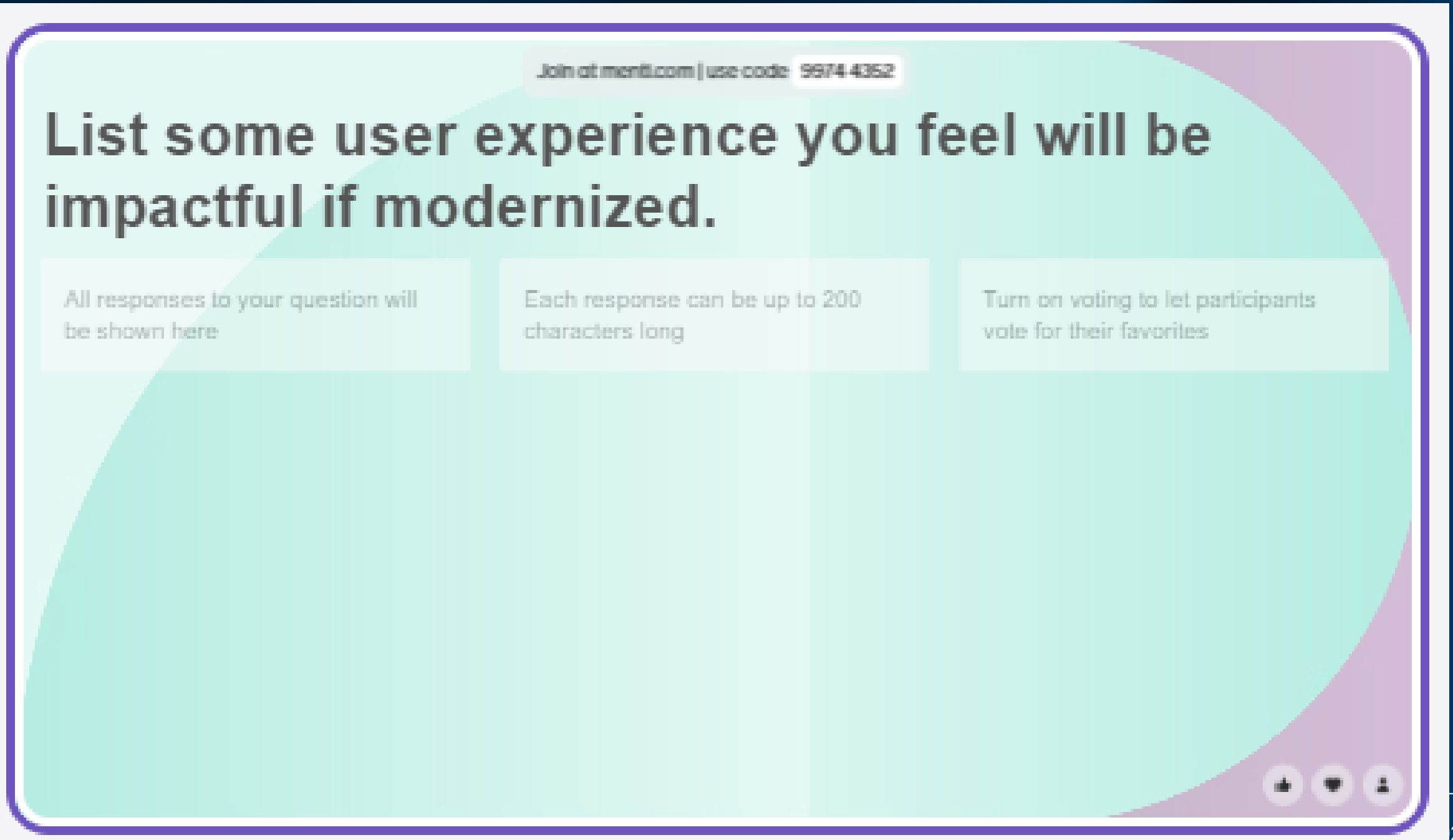
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List some user experience you feel will be impactful if modernized.
All responses to your question will be shown here
Each response can be up to 200 characters long
Turn on voting to let participants vote for their favorites

Modernized Approach to Reporting

- Single global codebase supporting file and API submission
- Validation at data entry (QA vs. QC)
- De-couple from SIS for low testing needs
- Updates via configuration
- Processing efficiency and speed of reporting

Current Pain Points & Root Causes

1. ***Length of time to implement changes from the Chancellors office*** - creates a need to manually alter files exported from an older version of the software
2. Because ***validation is done at the point of submission*** - data errors are detected late in the process which creates a significant manual data cleanup late tin the process
3. With so much ***late and manual fixing of errors***, it's difficult keeping track of the changes that have happened and been made to submitted data
4. Some of the ***data reported comes from other systems or defaults from the previously reported data*** values which creates the need for importing of data and copying data between reporting periods
5. Data Files should ***only be submitted to the Chancellors Office after the data cleansing has been completed*** and the data is final so there needs to be an active decision to make the actual submission

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Rank the pain points based on functional lead feedback.

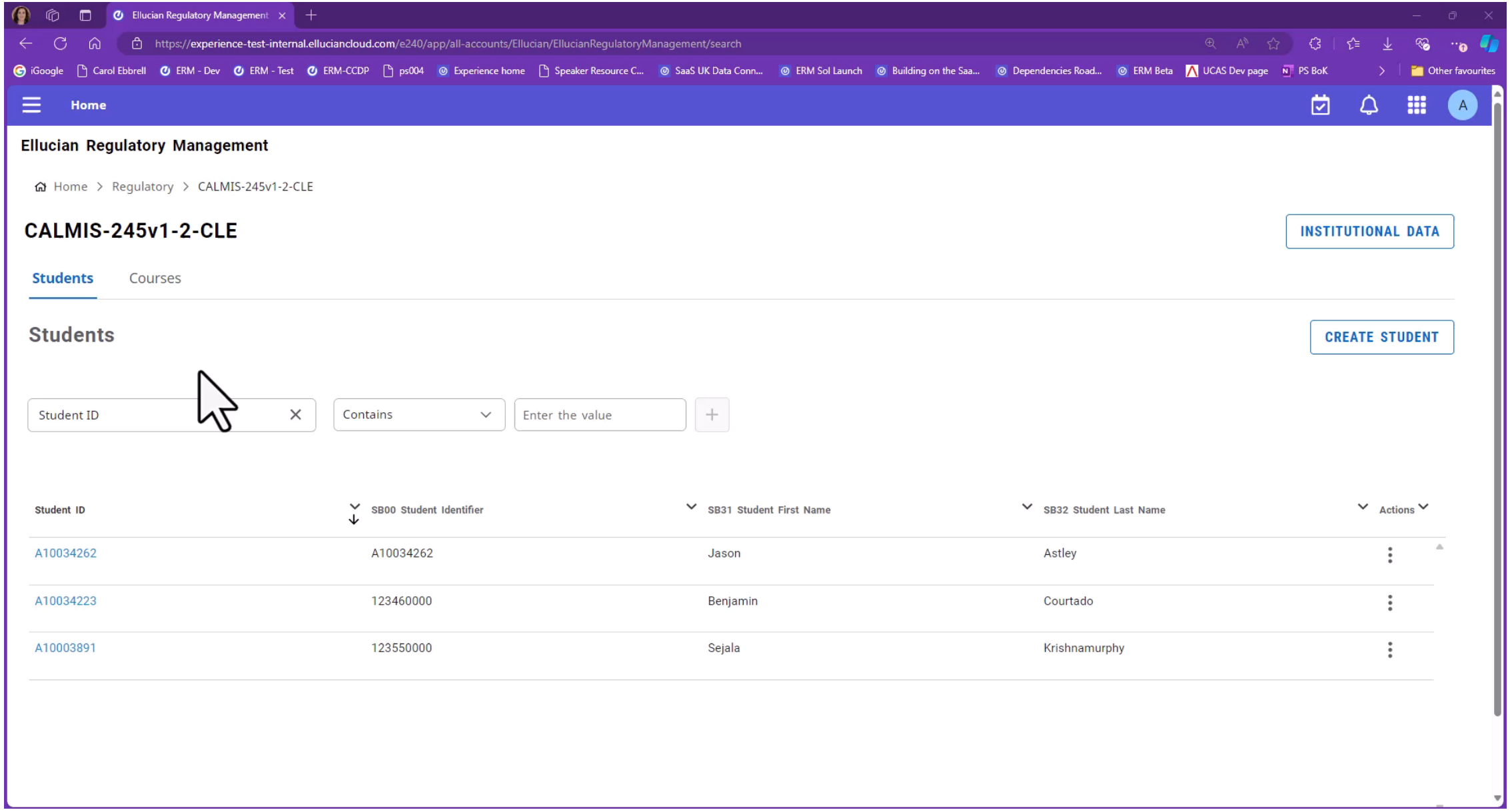
1st — Length of time to implement changes or versions from the reporting authority/ system office/state reporting

2nd — Validation is done at the point of submission

3rd — Late and manual fixing of errors

4th — Data reported comes from other systems or defaults from the previously reported data

5th — Data Files should only be submitted to the Chancellor's Office after the data cleansing has been completed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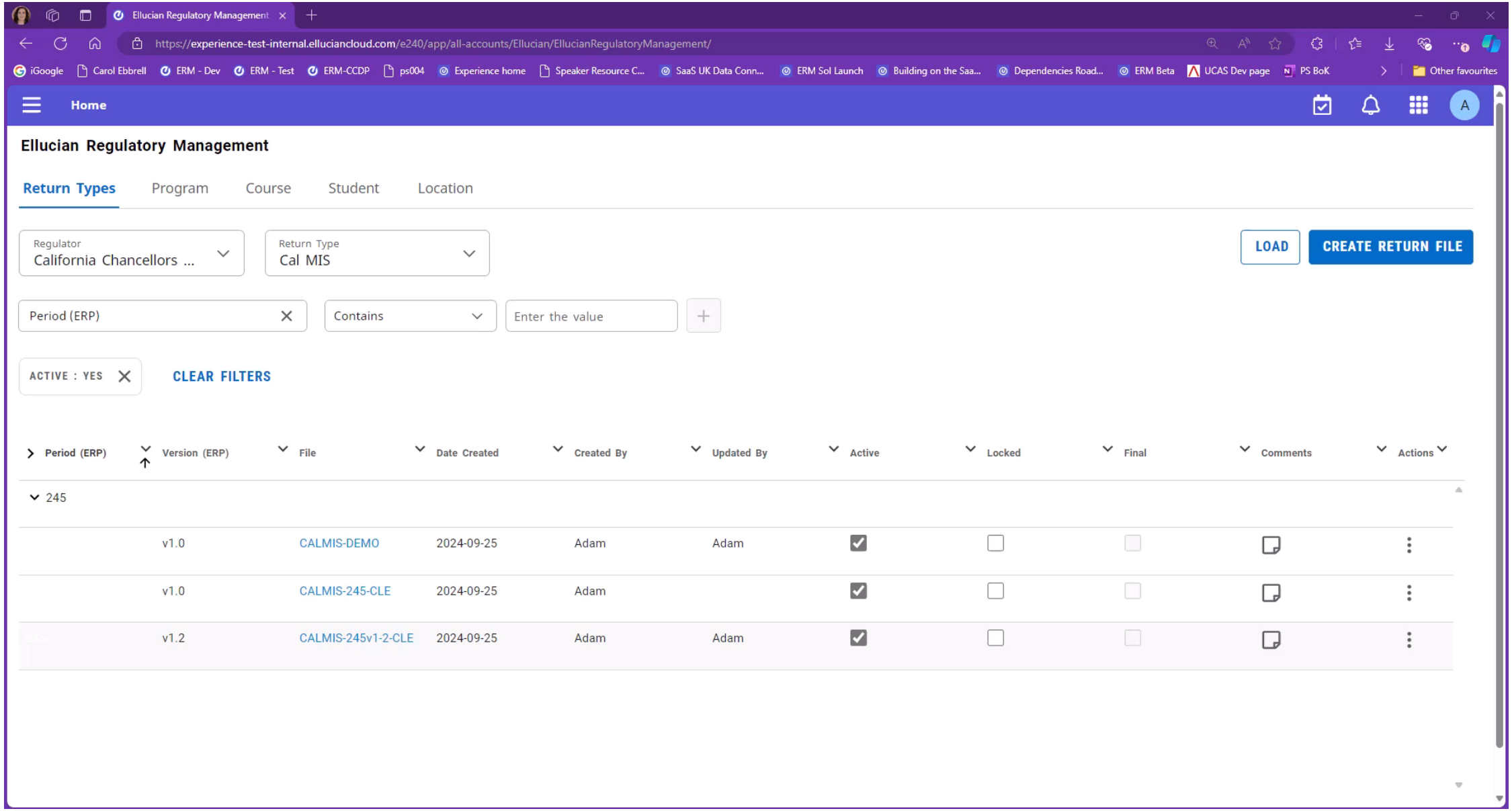
Home
Ellucian Regulatory Management
Home > Regulatory > CALMIS-245v1-2-CLE
CALMIS-245v1-2-CLE
INSTITUTIONAL DATA
Students
Courses
Students
CREATE STUDENT
Student ID
Contains
Enter the value
Student ID
SB00 Student Identifier
SB31 Student First Name
SB32 Student Last Name
Actions
A10034262
A10034262
Jason
Astley
A10034223
123460000
Benjamin
Courtado
A10003891
123550000
Sejala
Krishnamurphy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Home
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Return Types
Program
Course
Student
Location
Regulator
California Chancellors ...
Return Type
Cal MIS
LOAD
CREATE RETURN FILE
Period (ERP)
Contains
Enter the value
ACTIVE : YES
CLEAR FILTERS
Period (ERP)
Version (ERP)
File
Date Created
Created By
Updated By
Active
Locked
Final
Comments
Actions
245
v1.0 CALMIS-DEMO 2024-09-25 Adam Adam
v1.0 CALMIS-245-CLE 2024-09-25 Adam
v1.2 CALMIS-245v1-2-CLE 2024-09-25 Adam Adam

System Template with Ellucian Experience

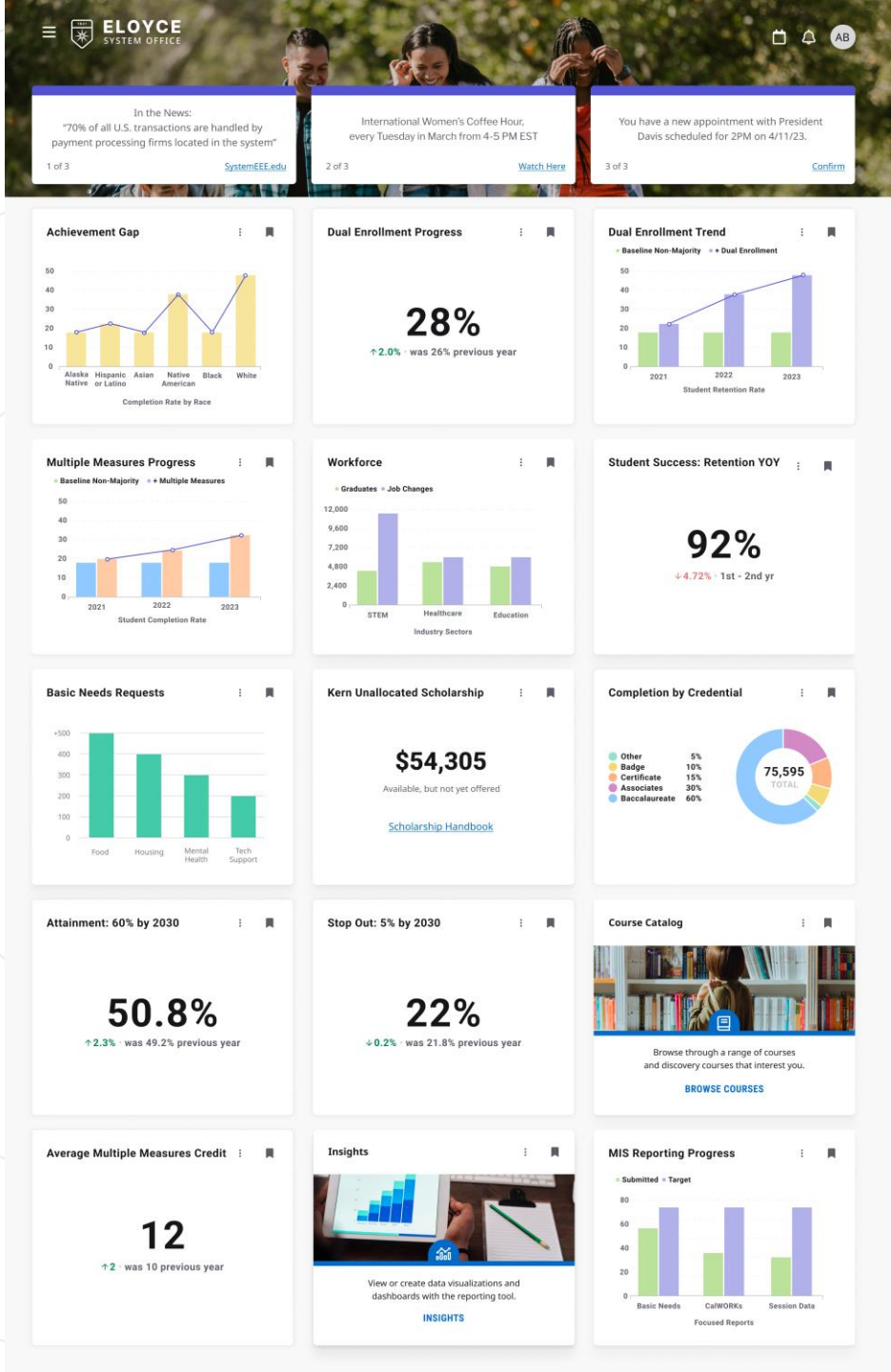
Our template delivers insights beyond initial reporting.

WORKFORCE:
- % State Workforce Needs Being Met
- Institutions with Highest Job Placement
- Institutions with Highest Mid-Career Pay
- # of Graduates vs. # of Job Openings
- Out-of-State Job Placement

ATTAINMENT:
- Enrollment Rate
- Retention Rate
- Transfer Rate
- Completion Rate
- Completion by Credential
- Time to Degree
- Rural vs. Urban Graduates
- Average Starting Salary of Graduate
- Average Debt Upon Graduation
- Some College, No Degree Rate

EQUITY:
- Closing Achievement Gap
- Basic Needs Requests
- Enrollment, Retention, Completion by Veterans, Working Adults, Parents, Low-Income, Incarcerated, and Justice Involved

PROGRAM EFFECTIVENESS:
- Dual Enrollment Progress
- Multiple Measures Progress
- “Program Mapper” (3rd Party)
- Avg. Multiple Measures Credit
- Unallocated Scholarship
- Avg. Unmet Financial Aid
- K-20 Funnel



POWERING SYSTEMS

In the News:
"70% of all U.S. transactions are handled by payment processing firms located in the system"

1 of 3 SystemEEE.edu

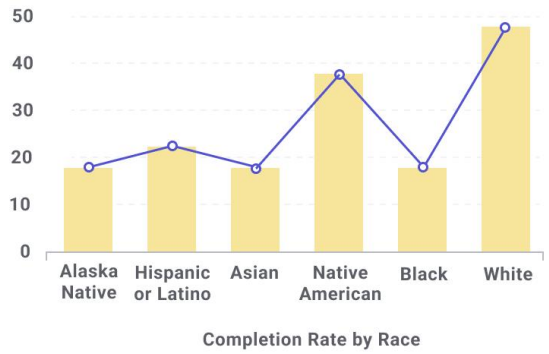
International Women's Coffee Hour, every Tuesday in March from 4-5 PM EST

2 of 3 Watch Here

You have a new appointment with President Davis scheduled for 2PM on 4/11/23.

3 of 3 Confirm

Achievement Gap

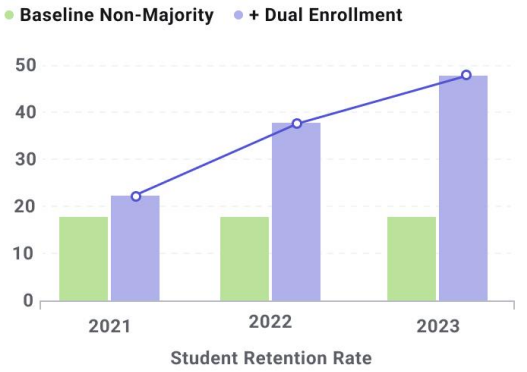


Dual Enrollment Progress

28%

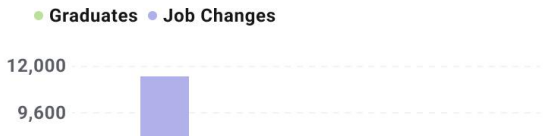
↑2.0% was 26% previous year

Dual Enrollment Trend



Multiple Measures Progress

Workforce



Student Success: Retention YOY

Data-Driven Decision Making with Insights

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POWERING SYSTEMS

Eloyce

AB

Insights

Search...

New

Workforce

Year | Control | Level | System | Institution

85

% State Workforce Needs Being Met

↑2.3% • was 82.7 previous year

52,000

Average Starting Salary of Graduate

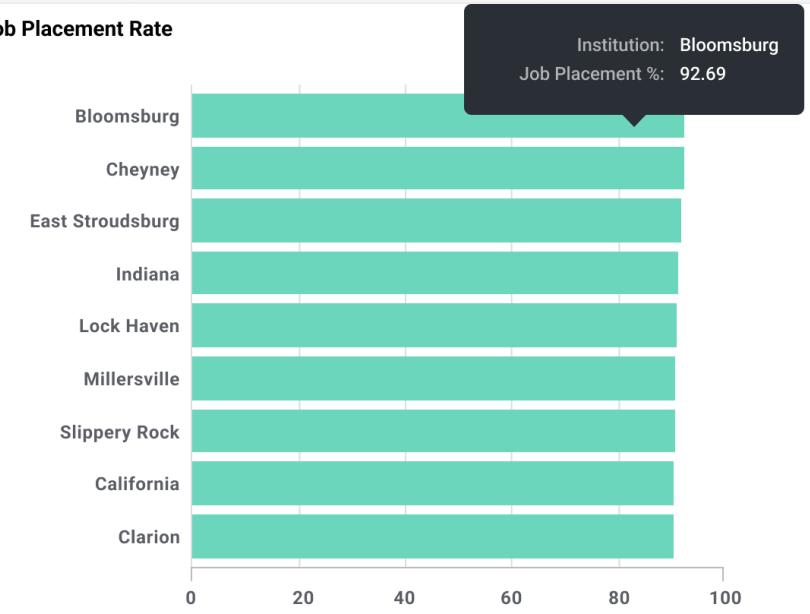
↓0.2% • was 52,104 previous year

28,993

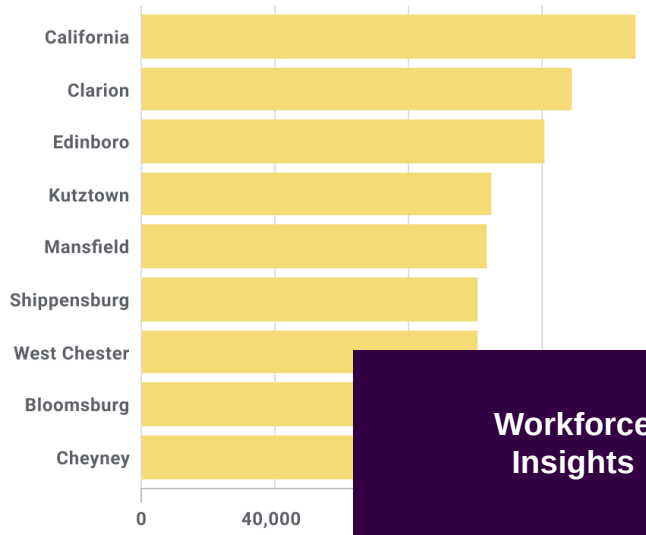
Average Debt Upon Graduation

↑0.2% • compared to last year

Highest Job Placement Rate



Highest Mid-Career Pay (Median Salary for Alumni with 10+ Years Experience)



Workforce Insights

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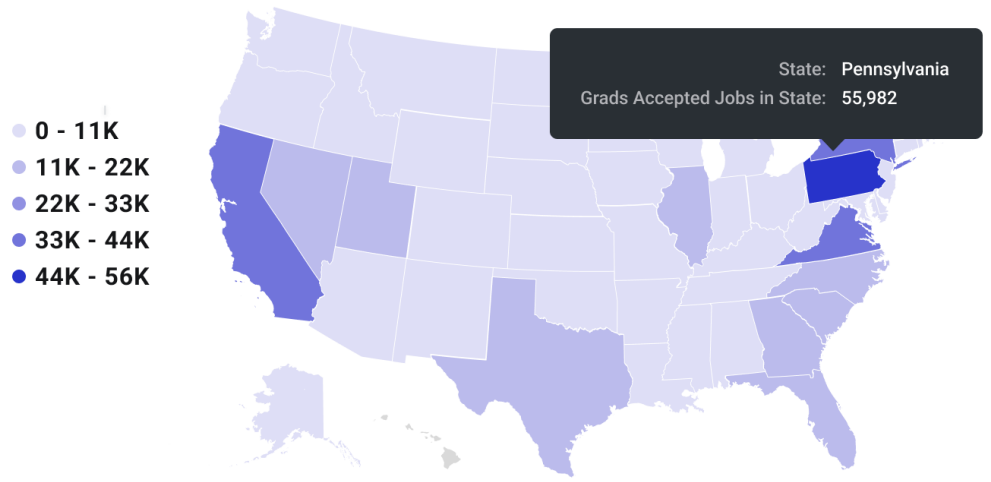
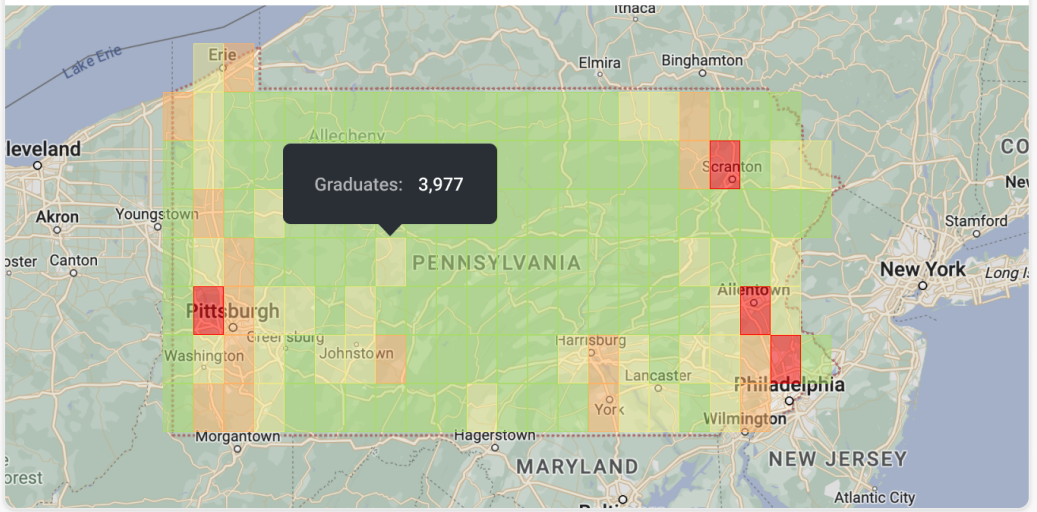
POWERING SYSTEMS

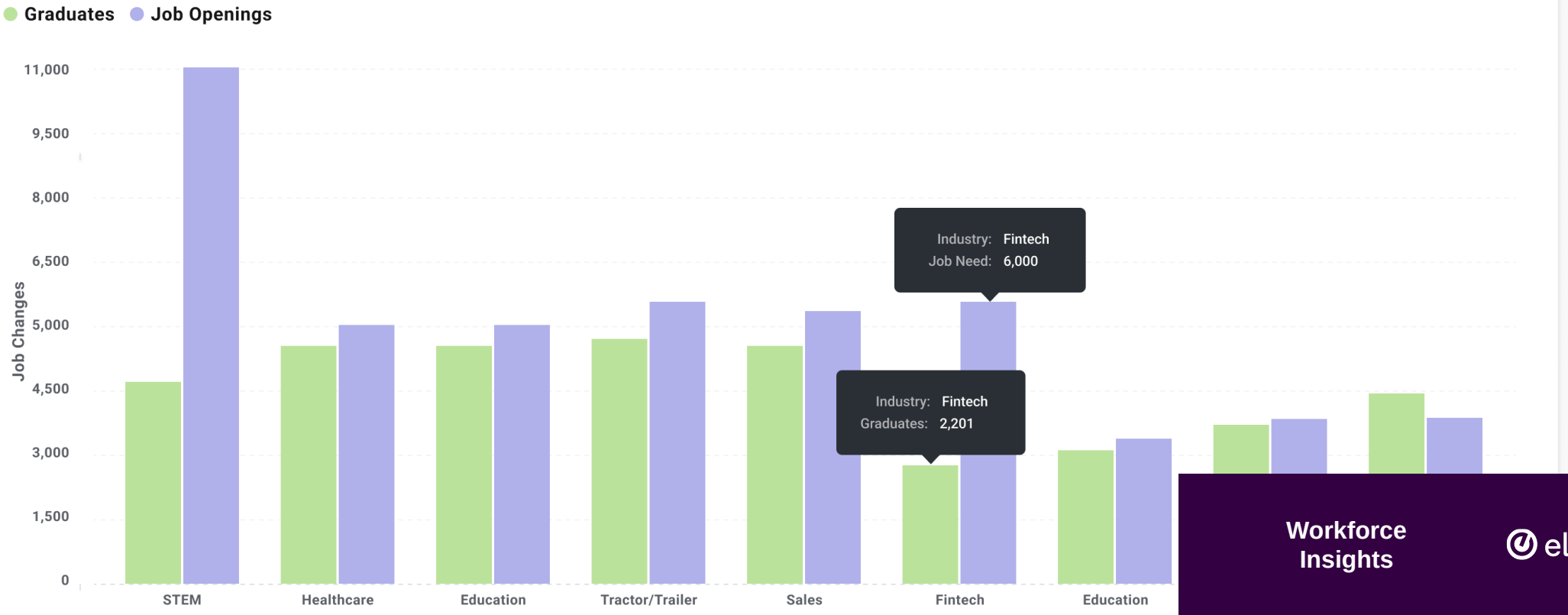
Job Placement



Graduate Concentration



Workforce Needs



Workforce Insights

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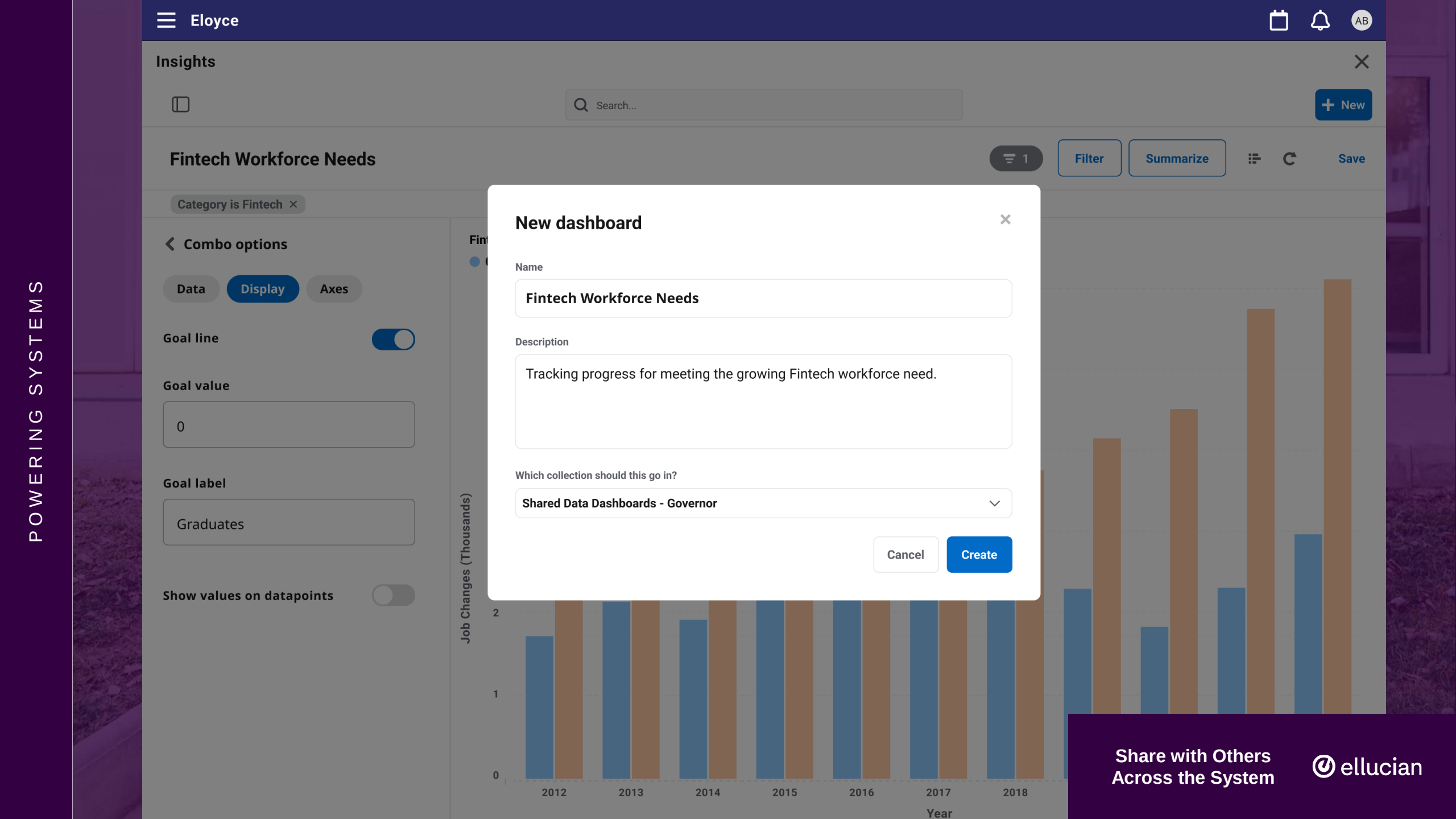
POWERING SYSTEMS
Eloyce
AB
Insights
Search...
New
Fintech Workforce Needs
1
Filter
Summarize
Save
Category is Fintech
Combo options
Data
Display
Axes
Goal line
Goal value
0
Goal label
Graduates
Show values on datapoints
New dashboard
Name
Fintech Workforce Needs
Description
Tracking progress for meeting the growing Fintech workforce need.
Which collection should this go in?
Shared Data Dashboards - Governor
Cancel
Create
Job Changes (Thousands)
2
1
0
2012
2013
2014
2015
2016
2017
2018
Year
Share with Others
Across the System
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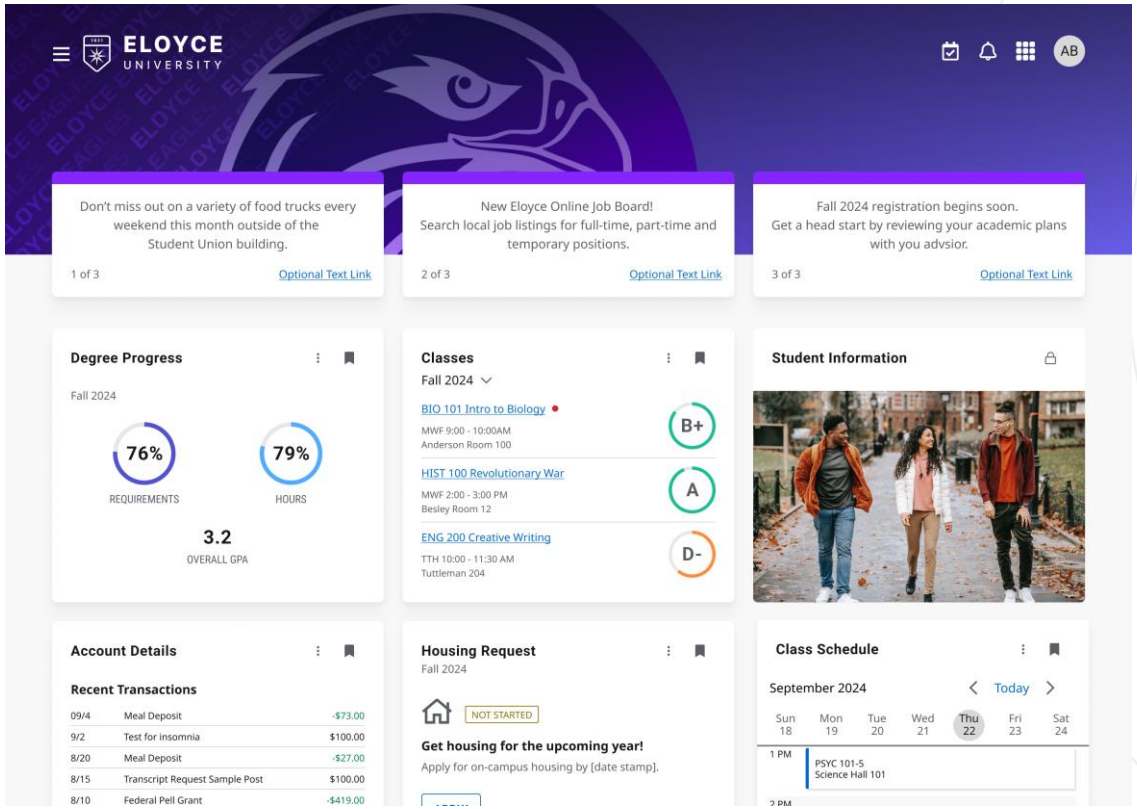
Experience

Transforming the Student Experience

RELEASES EVERY 3 WEEKS
Global Task Beta Dec 8th



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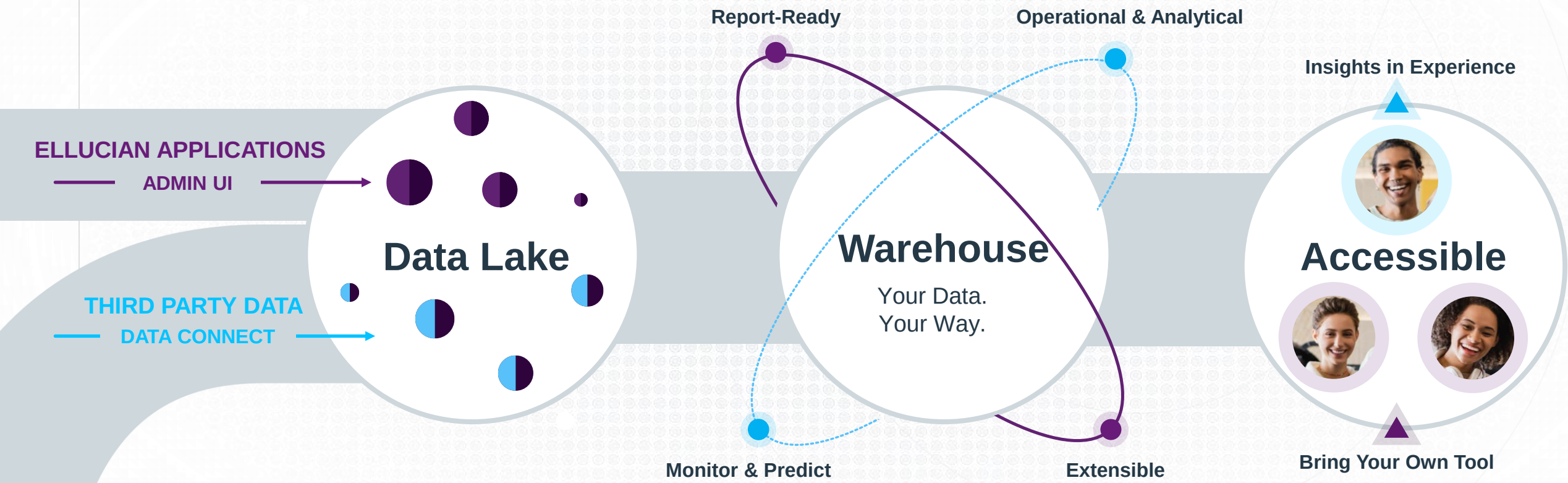
Democratize Access to All Your Data

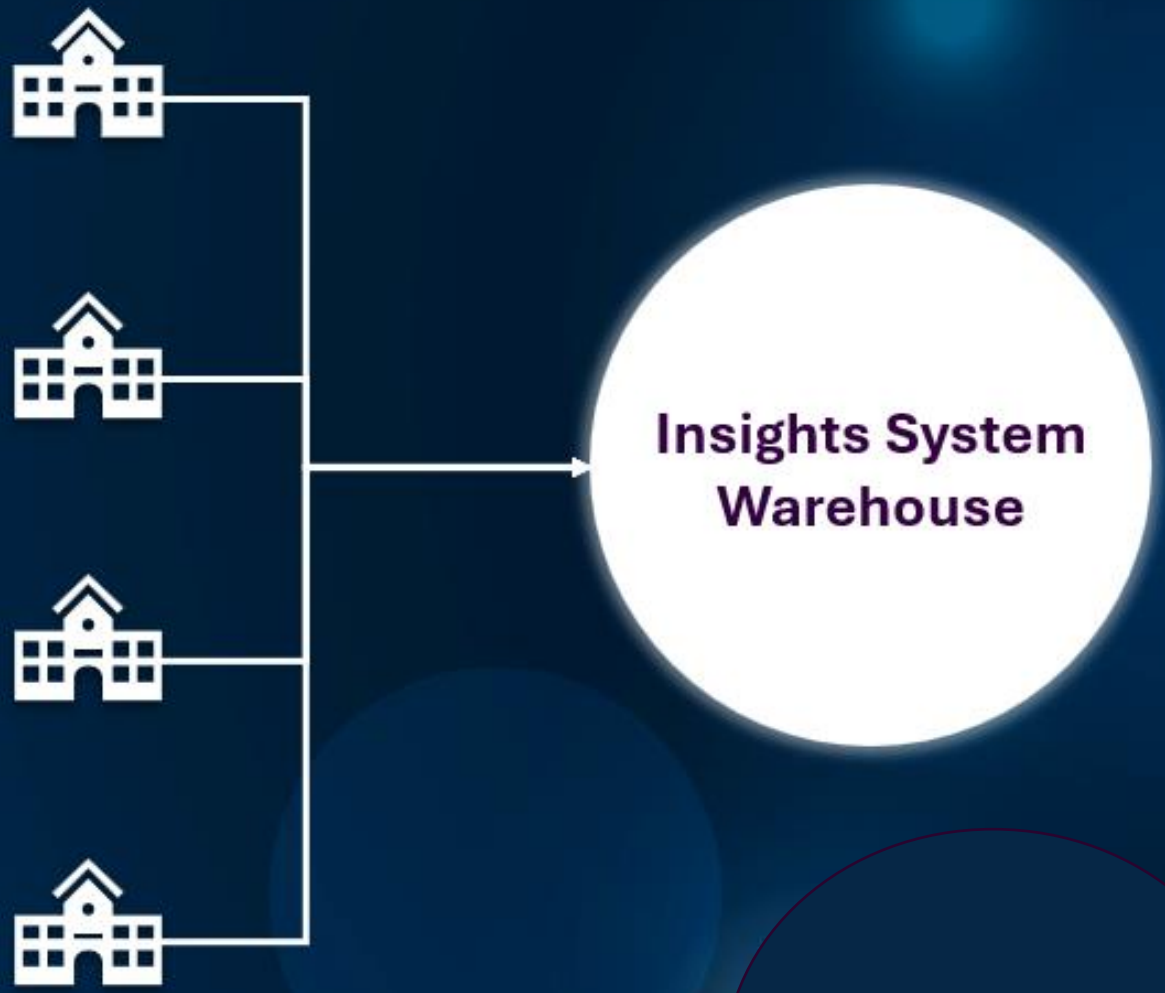


Select Availability

Systemwide Warehouse

Systemwide Analytics for cross institution outcomes

- ✓ **Democratize data access for the Chancellor** with a strategic dashboard
- ✓ **Timely strategic system decisions** with near real-time data aggregation
- ✓ **Reduce institutional overhead** by enabling system to self-serve
- ✓ **Identify trends & patterns across system** with longitudinal & cohort data
- ✓ **Drive micro & macroeconomic workforce decisions**
- ✓ **Flexibility in system's growth** with agnostic multi-ERP support

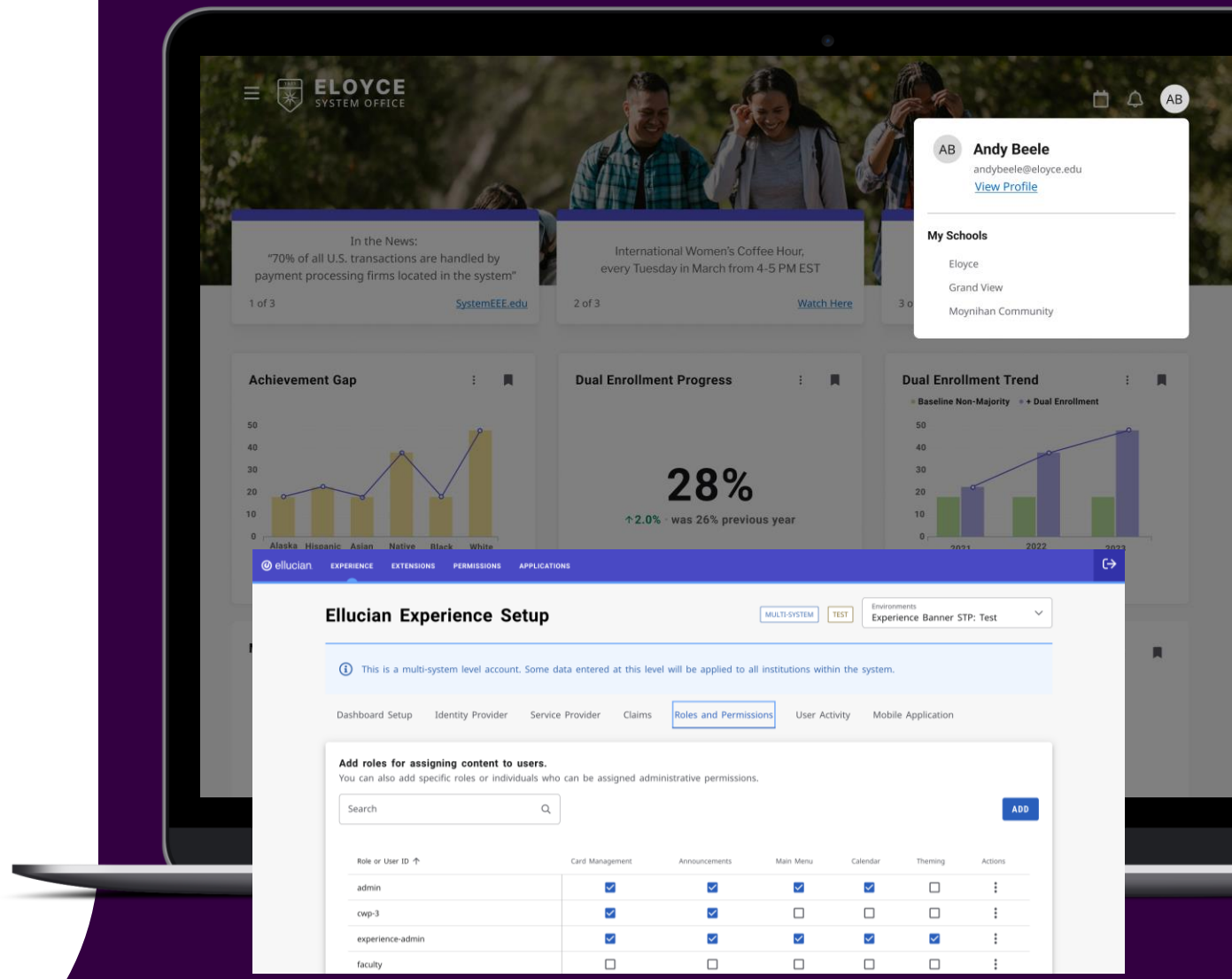


POWERING SYSTEMS

Multi-Institution

Drive collaboration among connected institutions while preserving their autonomy when necessary

- Centralized system administration
- Centralized identity provider setup
- Role/permission setup at both the system & institution level
- Branding for both the system & institution
- Easy user navigation across institutions



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The Right Technology Addresses the Challenges Facing Higher Ed and Provides…

Operational Efficiency

Seamless Support

Modern Experience

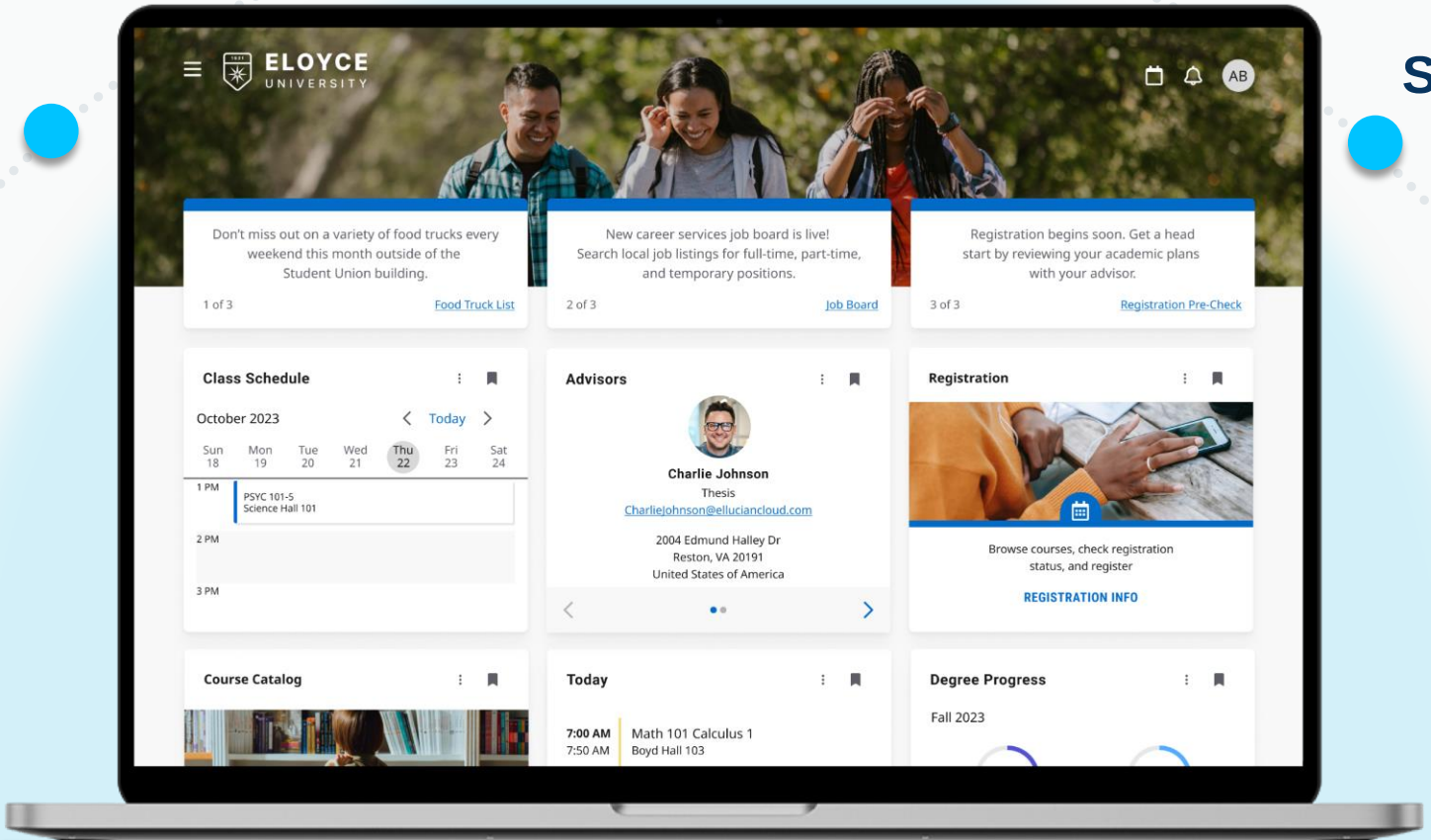
Solutions for the Entire Student Journey

Business Continuity

Continued Compliance

Stronger Security

Holistic Insights



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Partnering to Deliver Insights for Better Student Outcomes

Now what?

- Connect with Ellucian team to discuss these case studies and success stories in more detail
- Develop a cohort of institutions, Banner or Colleague, to be part of demonstration project that incorporates Experience, Insights and the Ellucian Regulatory Management (beta) – the California Community Colleges Common Cloud Data Platform (CCDP) demo project
- Create your own project with a cohort of institutions that meets your needs

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Thank You!

Raymond Mendenilla – Senior Director, Digital Transformation