



California Community Colleges

# Systemwide Architecture Committee

Bi-Monthly November Meeting

November 16, 2023

# The *Vision* + Digital Equity

*Anyone in California seeking a postsecondary education, regardless of what they look like, where they live, time since high school, and their preferred education modality should have on-demand access.*



# Agenda

- Welcome
- Vision 2030
- Common ERP
- Common Cloud Data Platform
- ID Verification (ID.me)
- CCCID Update
- Wrap up





Welcome

# Welcome

- Guest presenters
  - John Hetts, Executive Vice Chancellor, IDEA Office
  - Craig Hayward, Visiting Executive of Strategic Research and Innovative Design



# Statewide Architecture Projects

- Vision2030
- Common ERP



# Common Cloud Data Platform



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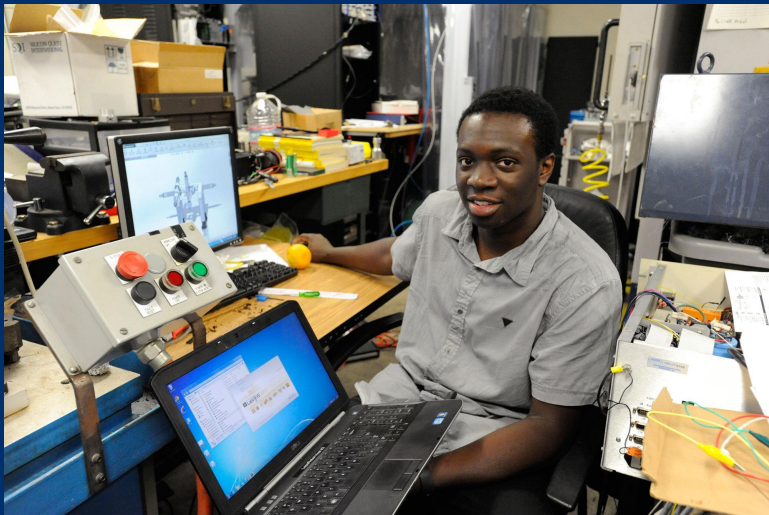
# **Vision 2030: Common Cloud Data Platform Demonstration Project**

**A  
Demonstration  
Project**

Craig Hayward, Visiting Executive,  
Strategic Research and Innovative  
Design



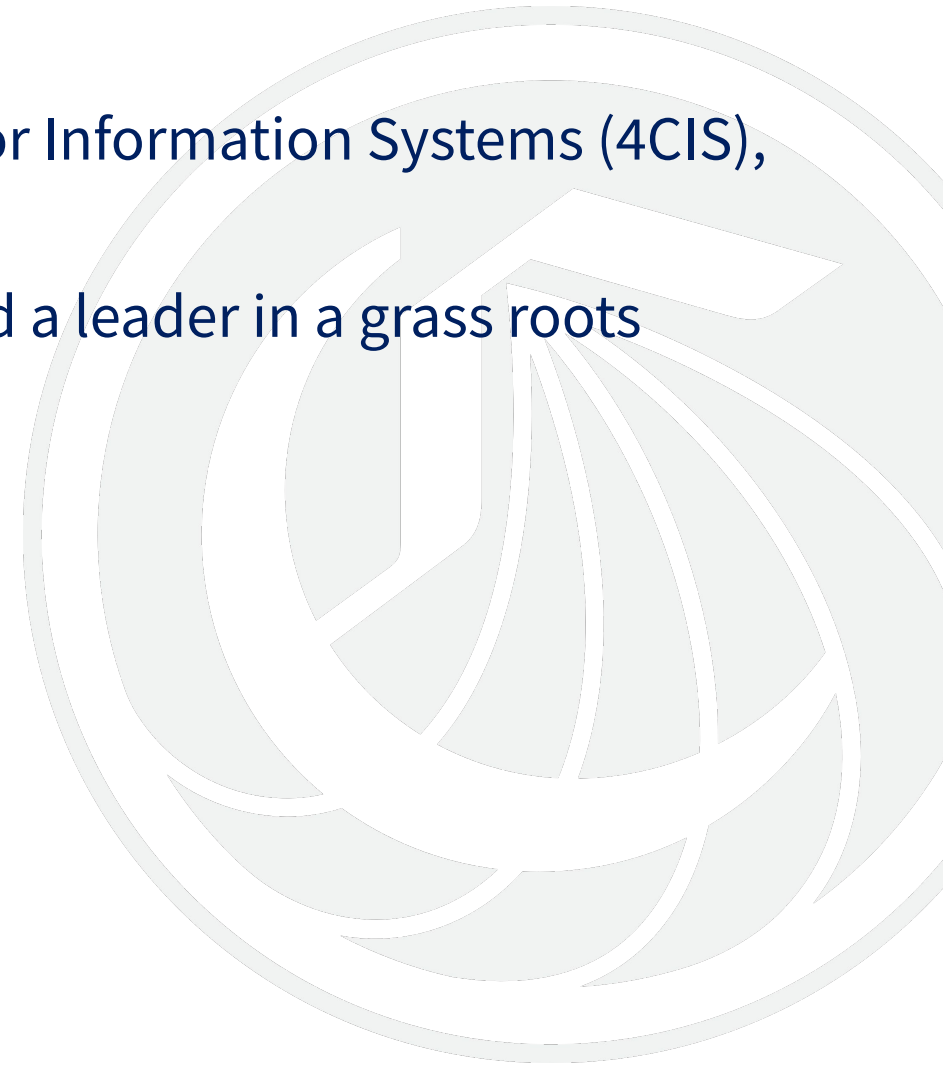
# What is the Common Cloud Data Platform?



- Single interface for Chancellor's Office to access districts' data.
- Establishes a core data architecture and schema.
- Able to streamline MIS and 320 reporting.
- Near real-time data to improve student support and programmatic progression and analytics.

# Partnerships

- Leverages California Community College Consortium for Information Systems (4CIS), a field-driven initiative of 15 districts.
- Coast Community College District is the fiscal agent and a leader in a grass roots initiative to create a shared data platform.
- Participating districts
  - Four to five Banner districts
  - One to two Colleague districts
  - One Peoplesoft district



# Big Data to Enable Innovation



**Core College Applications**  
*SIS, ERP, CRM*



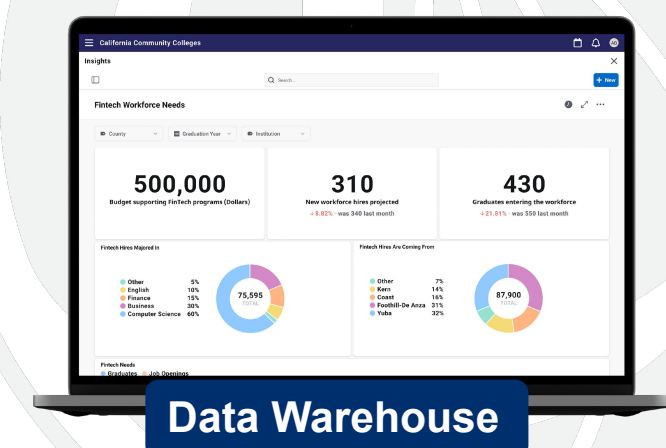
**Admin UI Export**



**3rd Party Data Sources**  
*CSV, API*



**Ad Hoc Connection**



# Major Areas of Impact



**Efficiencies of Scale:** A shared data platform will result in time savings for staff that can be redirected to more strategic work.



**Near Real-Time Data:** Improved visibility into student enrollment, headcount, and progression at the state level.



**Analytics:** Combine novel sources of data to better understand student progress along programmatic pathways.

# Connection to Vision 2030



- **People** — Creates an active partnership with a field-driven initiative.
- **Resources** — Frees up valuable staff to focus on other urgent projects.
- **Policy** — Data governance practices that can inform and advance policy for further development and reforms.
- **Systems** — Systems development to remove barriers at scale by providing near real-time data, improving student support and programmatic progression and analytics.

# COMIS and 320

## What is

One-way transmission at points in time

Each district develops their own quality assurance processes, errors are common

Little visibility or double-checking on quality processes

Time-intensive and stressful submission process impacts staff

Data submitted at various times, sometimes late / time lag

## What can be

Interconnected system leveraging modern data flows and expanded college, regional, and state-wide insights

Collaborate through near real-time integration, while maintaining local autonomy

Share best practices and QA through agreed upon data governance

Staff freed up to validate and release final/official reports on behalf of district rather than construct entire report

Actionable insights available to Chancellor's Office and each district before official submission is validated

# Enrollment Management

## What is

Chancellor's Office has no visibility into current term enrollments

Districts responsible to develop complex enrollment dashboards

Limited shared information on attendance accounting

## What can be

Near real-time data on enrollments and headcounts

Shared high quality dashboards

Focused dialogue improves abilities of field to respond and maximize FTES

Increase funding and student opportunities by connecting CCC data to other data systems

Near real-time data improves state policy and funding decisions

# Analytics

## What is

No system to help students who complete ADTs and do not apply to CSU

Districts and Chancellor's Office struggle to understand student progression in the program of study

Aging reporting systems that require IT and/or Research Office support

## What can be

Able to work with the CSU to automatically accept all ADT completers

Understand student progression along program pathways and guide course-taking to keep students on path

Modern business intelligence for insights that can be developed by a broader set of users



# Student Support

## What is

College-branded portals with mostly links

Student information system screens reflect legacy technology

Data in disparate systems for student support (ERP, Canvas, Early Alert, etc.)

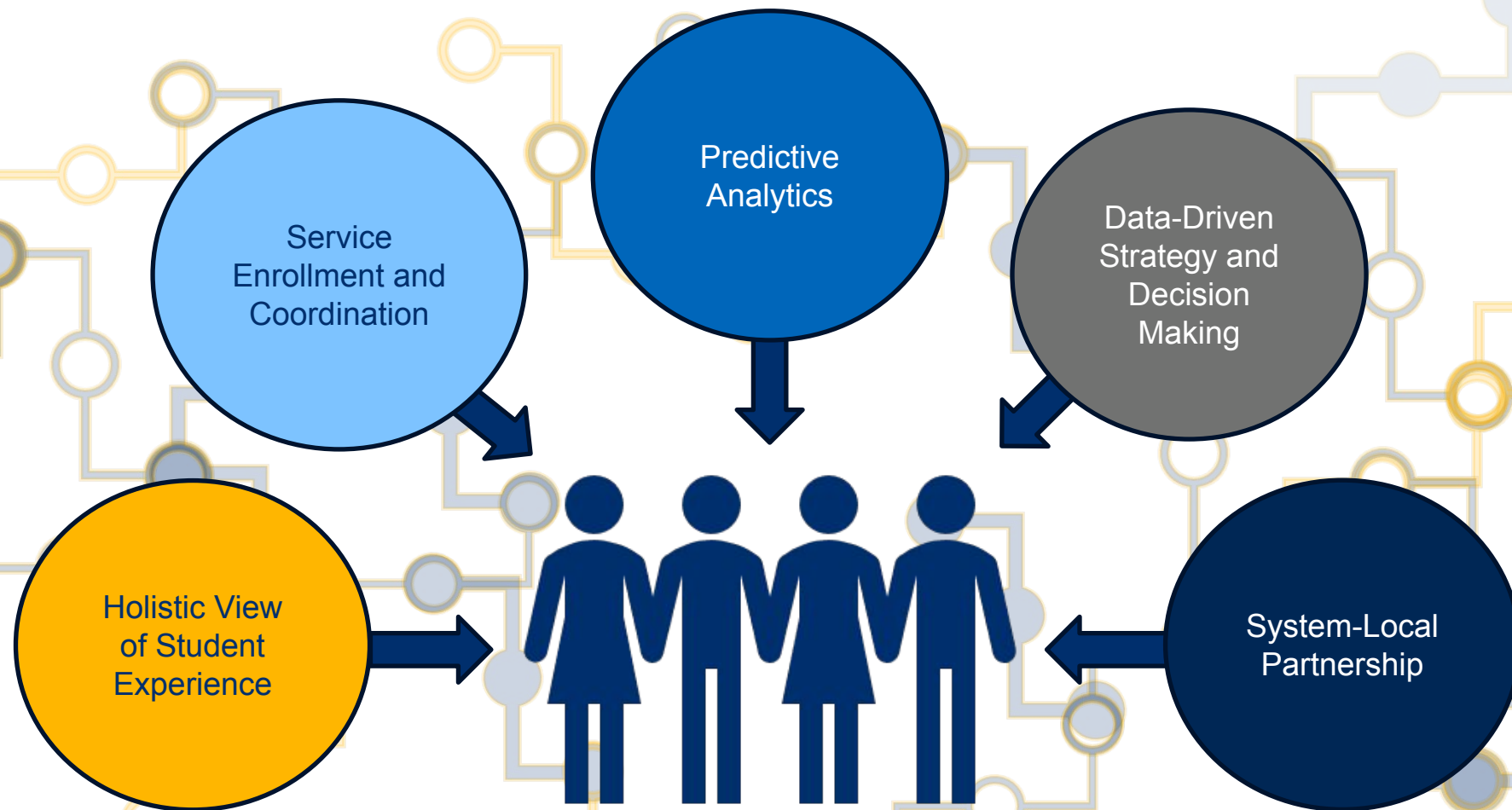
## What can be

College/District branded student experience with more personalization, interactivity

Interactive, action-oriented interface reducing friction for students

Integrated data from ERP and third-party systems with actionable insights surfaced for users based on role

# Let the Data Flow!



# Project Implementation

- Staffing
  - Three staff positions
  - Close partnership with the Chancellor's Office
- Timeline
  - Fall 2023 through June 2026
  - Contracts and districts currently being finalized for kick-off in January 2024



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Thank you!

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# ID Verification (ID.me)

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**Project Goal:** Integrate an identity verification service into the current application workflow to reliably confirm and protect the identity of new applicants and reduce application fraud for the California Community Colleges system. ID verification is integrated into the existing CCCApply process, so Tech Center Tier 1 help desk support is available in addition to the ID.me Help desk support.

## Key Dates

- **11/6 - User Acceptance Testing Kick off**
  - 130+ students
  - 16+ colleges
  - There are still available slots for additional colleges/testers (if you would like to support)
  - Testing runs through early Dec. with results reviewed/assessed weekly on Fridays
- **2/2 - Systemwide Go-Live**



# CCCID Update

# CCCIDs for All Students - Update

- Memo sent 9/29/23: DII 23-200-04 - Update on Use of the CCCID
- As of August 2023, MIS field SB34 will be verified against requirement of:
  - at least 20% of students having an assigned CCCID
- CCCID assignment outside of OpenCCC
  - Current admin tool available for one-at-a-time assignment
  - New bulk creation admin tool release: Winter 2024 ([release notes](#))
  - Office hours/webinar scheduled for January
  - Contact Tech Center staff for access and support:
    - [cems@ccctechcenter.org](mailto:cems@ccctechcenter.org)
- What challenges have come up locally regarding CCCID provisioning?



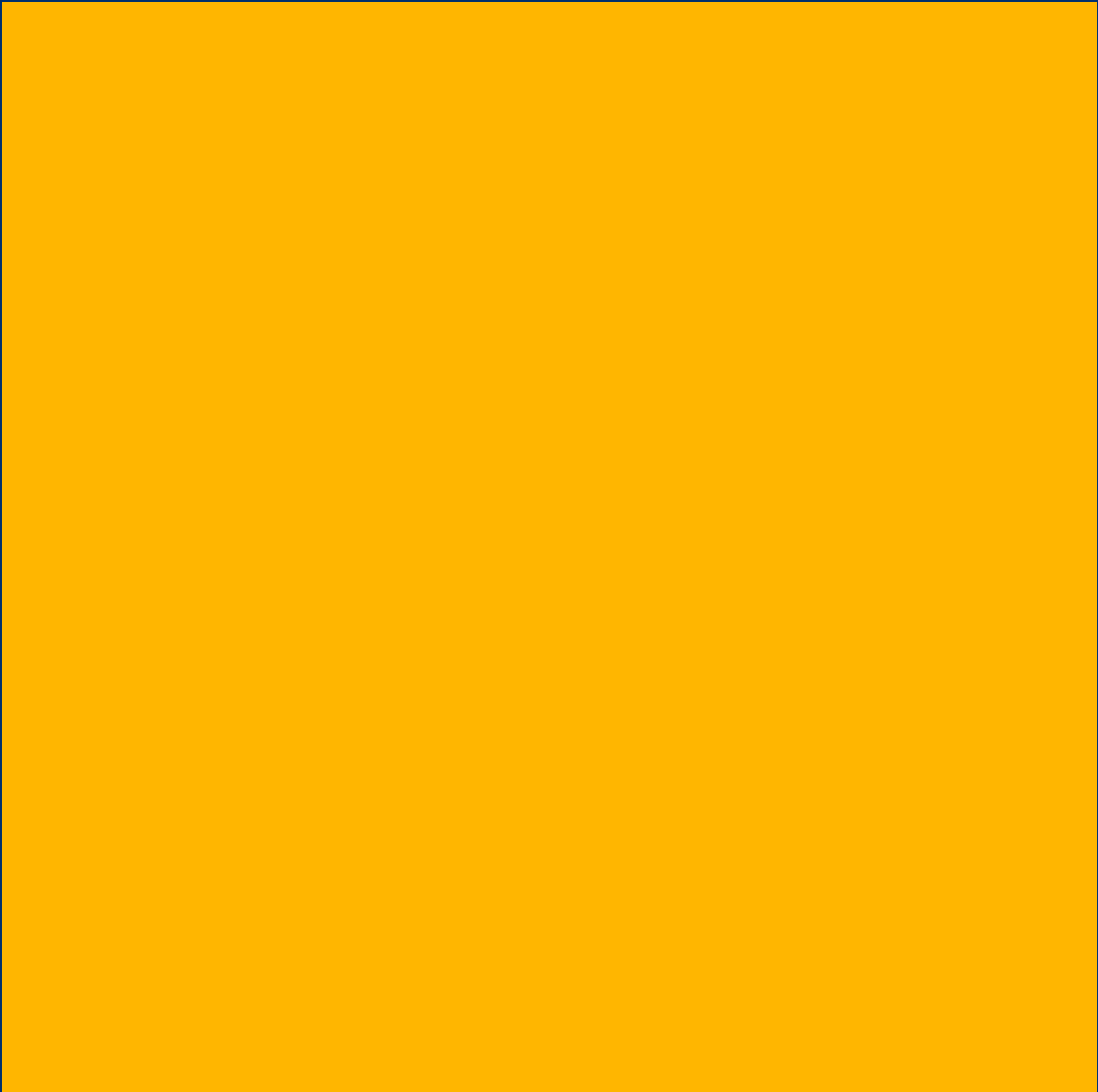


Wrap Up

# Closing Comments

- Upcoming meeting dates:
  - Jan 18th 1:30-3:00p
  - Apr 4th 1:30-3:00p
  - Meeting invitations have been sent





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Thank you!

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