

January 23, 2020

Telecommunications and Technology Advisory Committee Meeting

Co - Chairs: Bill Scroggins and Cheryl Aschenbach



California Community Colleges

Welcome and Introductions

→ Briefly introduce yourself and your
TTAC membership role



Agenda

10:00 – 10:15	Welcome and Introductions	Bill Scroggins/ Cheryl Aschenbach
10:15 – 10:30	CDE MOU Update	Barney Gomez
10:30 – 10:45	COCI Update	Barney Gomez
10:45 – 11:30	TAP Team Update	David Kendall
11:30 – 11:45	DE Guidelines	Erin Larson
11:45 – 12:00	Data Governance Discussion	Alex Jackl
12:00 – 12:30	Lunch	
12:30 – 12:35	ERP Sub-Committee Report/ Update	Tim Calhoon

12:35 – 1:00	Accessibility: Standards & VRC Modules	Daniel Kaufman
1:00 – 1:30	Accessibility: System-Level Guidance	
1:30 – 2:00	OKTA Single Sign-On Solution	Fred Rocha/ Joe Moreau/ Ben Seaberry
2:00 – 2:30	Open Gov Discussion	Barney Gomez/ Steven Duart/ Alex Jackl
2:30 – 2:45	MOU/Data Request	Alex Jackl
2:45 – 3:00	Recap and Adjourn	Bill Scroggins/ Cheryl Aschenbach



CDE MOU Update

Barney Gomez

California Community College Chancellor's Office



California Community Colleges

Chancellor's Office Curriculum Inventory (COCI) Update

Barney Gomez

California Community College Chancellor's Office



California Community Colleges

Technical Assistance Provider (TAP) Team Update

David Kendall

California Community College Chancellor's Office



California Community Colleges

DE Guidelines

Erin Larson

California Community College Chancellor's Office

[Distance Education Guidelines - Approved 1.8.2020](#)



California Community Colleges

Data Governance TTAC Report

Alex Jackl

California Community College Chancellor's Office

January 23, 2020



California Community Colleges

What is the Role of the Data Governance Council?



What is the Role of the Data Governance Council?

- **Supporting the *Vision for Success*' System Strategy of CCCCCO.**
- **Managing the data universe of the CCC information eco-system.**
- **Providing guidance on the CCCCCO Enterprise Data Strategy .**
- **Being a centralized organizing body of all the feeder organizations.**
- **Acting as a supporting body to the CCCCCO executive staff on information strategy and data decisions.**

System Goals (Vision for Success)

System Goals (2017-2022)

1. Increase by at least 20 percent the number of CCC students annually who acquire associates degrees, credentials, certificates, or specific skill sets that prepare them for an in-demand job.

2. Increase by 35 percent the number of CCC students transferring annually to a UC or CSU.

3. Decrease the average number of units accumulated by CCC students earning associate's degrees, from approximately 87 total units (the most recent system-wide average) to 79 total units—the average among the quintile of colleges showing the strongest performance on this measure.

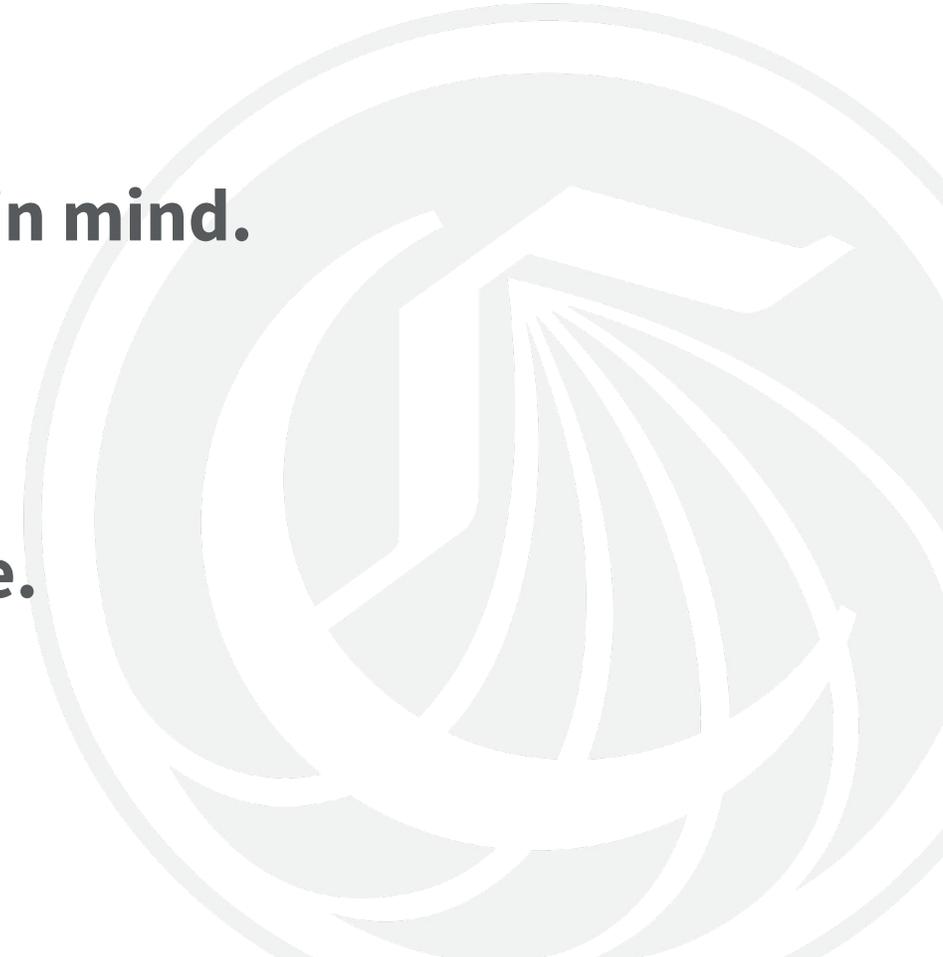
4. Increase the percent of exiting CTE students who report being employed in their field of study, from the most recent statewide average of 60 percent to an improved rate of 69 percent—the average among the quintile of colleges showing the strongest performance on this measure.

5. Reduce equity gaps across all of the above measures through faster improvements among traditionally underrepresented student groups, with the goal of cutting achievement gaps by 40 percent within 5 years and fully closing those achievement gaps within 10 years.

6. Reduce regional achievement gaps across all of the above measures through faster improvements among colleges located in regions with the lowest educational attainment of adults, with the ultimate goal of fully closing regional achievement gaps within 10 years.

“Student First” Focus (*Vision for Success*)

- **Focus relentlessly on students’ end goals.**
- **Always design and decide with the student in mind.**
- **Pair high expectations with high support.**
- **Foster the use of data, inquiry, and evidence.**
- **Take ownership of goals and performance.**
- **Enable action and thoughtful innovation.**
- **Lead the work of partnering across systems.**



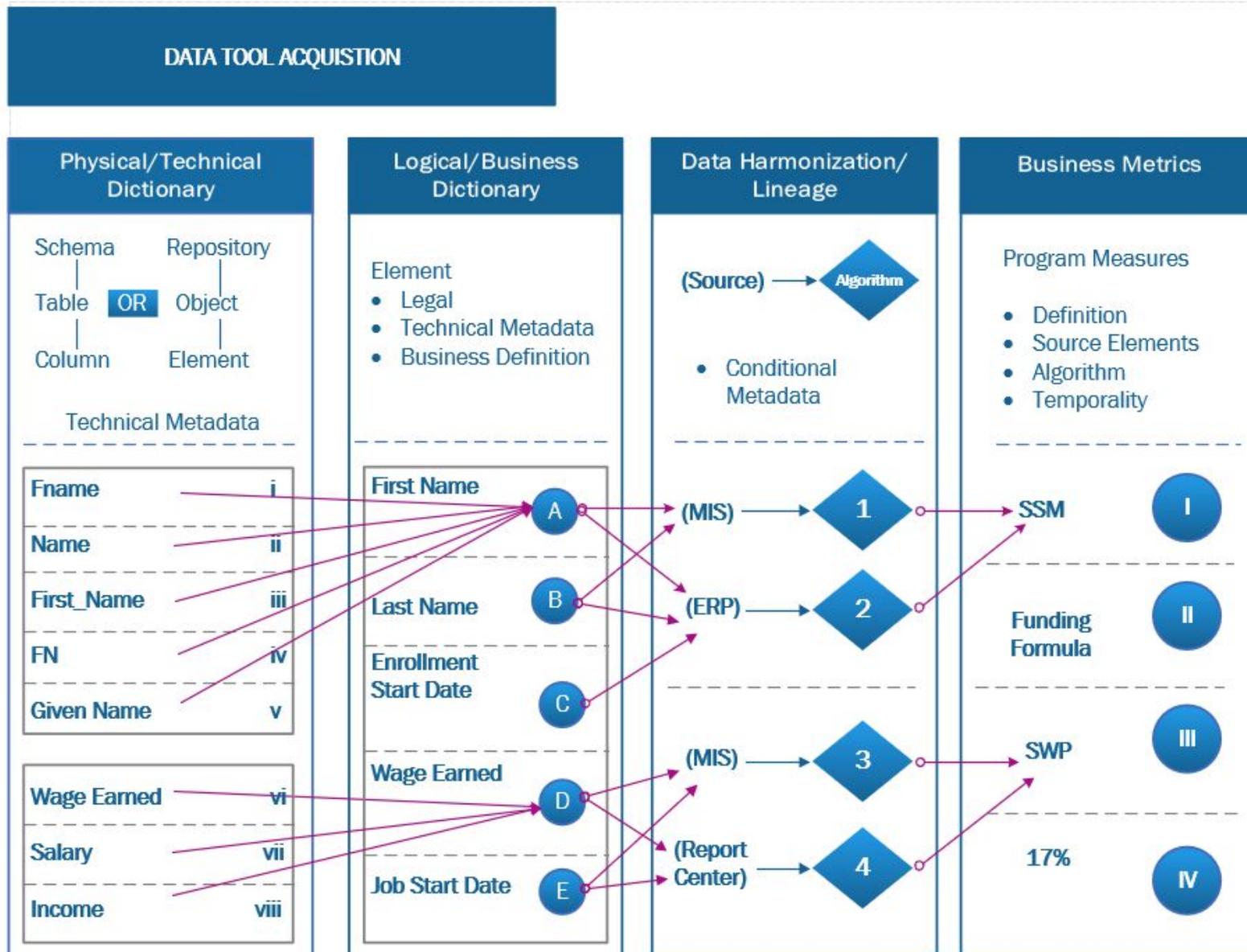
Context for all the Work

- *Vision for Success*
- **Board of Governors' Intent**
- **Digital Innovation & Infrastructure Division Vice Chancellor's intent**
- **Maturity Model analysis and decision by management to focus on building the maturity level of the organization to higher levels.**
- **DII Projects flow from the accepted recommendations by DII Leadership & TAP team**

Content to Be Addressed by the DGC

- Enterprise Data Governance Program (including the council itself)
- Data Definitions and Metrics
- Enterprise Data Strategy
- Recommending Data Policies and Procedures
- Maintaining the Framework for Data Governance across the California Community College system

Enterprise Data Strategy Diagram



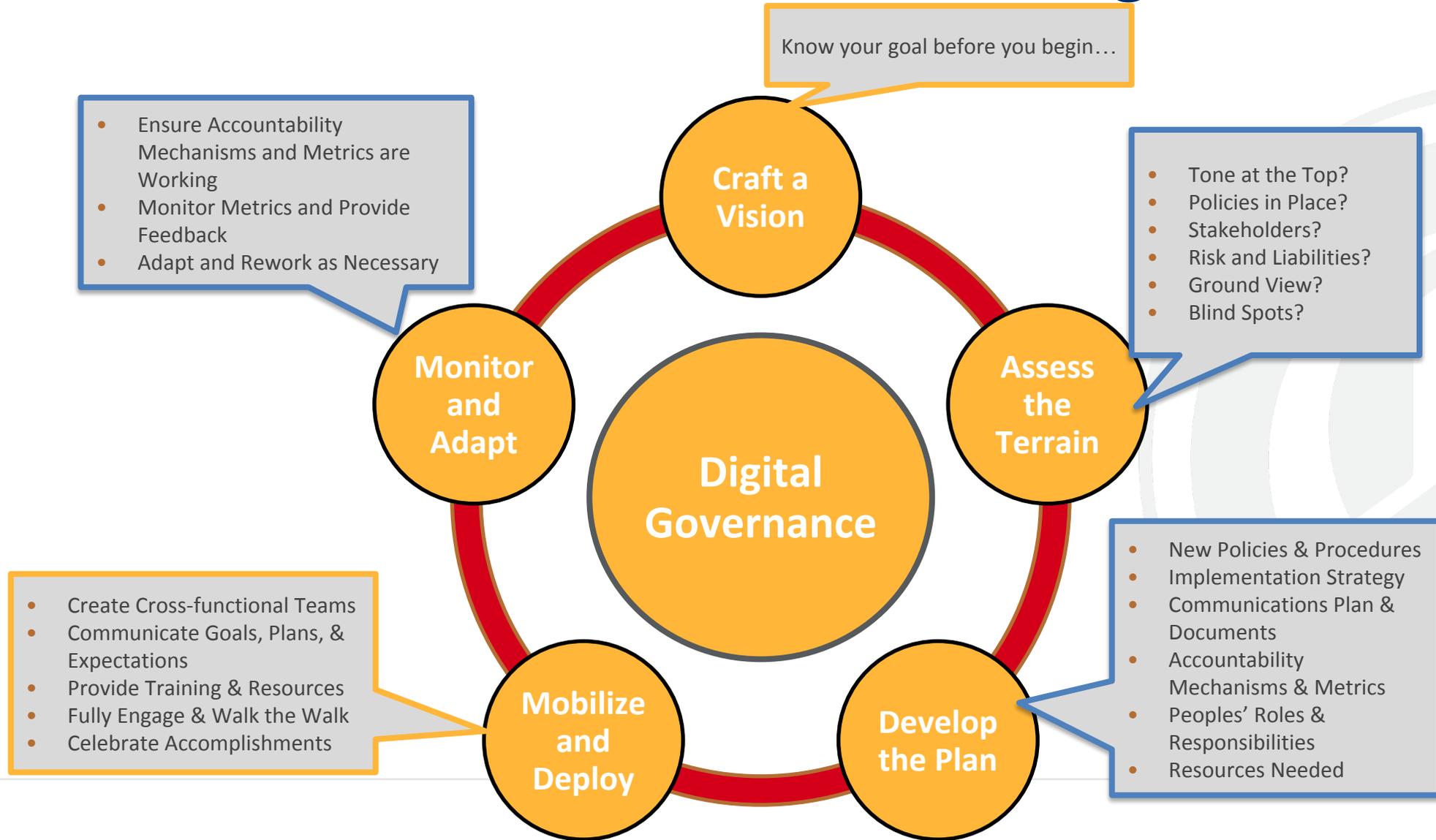
Components of Enterprise Data Strategy

- Sources of Data (Data Set Registry)
- Definitions of Data and Metrics (Data Dictionary)
- Sources of Truth (Master Data Management)
- Data Storage (Enterprise Architecture)
- Data Interoperability (Enterprise Architecture)
- Data Access Policy (Data Stewards Working Group)
- MOU Management (MOU Tracking and Automation)
- Data Governance (Data Governance Council)

Recommending Data Policy and Process

- **PII Policy**
 - How is student data protected and what is considered PII data
- **Data Sharing Policy**
 - What obligations and clauses are there to manage data sharing
- **Anonymization/Data Reporting Policy**
 - How is aggregated and public data designed to keep PII data from being revealed.
- **Later Policies**
 - Disaster Recovery, Acceptable Use Policy, Online Services Policy

Framework for Transformative Digital Governance



Who Makes Up the Data Governance Council?



DGC and potential feeder organizations

(in alphabetical order)

Academic Senate

CISOA- Chief Information Systems Officers Association

DMWG- Data Management Working Group (not yet formed)

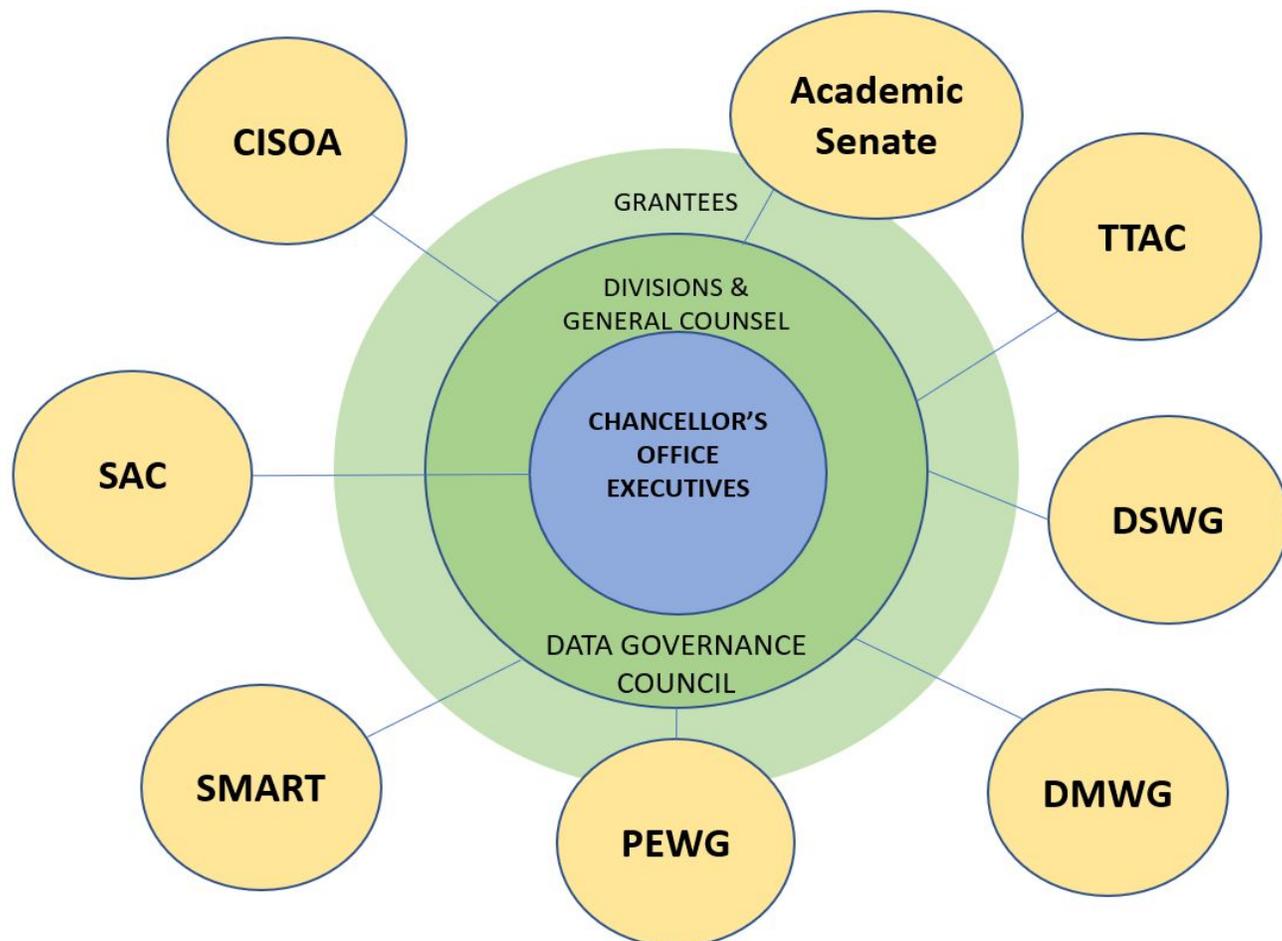
DSWG – Data Steward Working Group

PEWG - AB705 Placement Engine Working Group

SAC- Systemwide Architecture Committee

SMART- Success Metrics Advisory Research Team

TTAC – Telecommunications and Technology Advisory Committee



Data Governance Council

- **Permanent Representatives**

- DII leadership (Barney, Gary, Todd, Chris),
- Division Representatives (including Legal)
- Relevant TAP as DGC Staff

- **Provisional Representatives (As-Needed or Future Members)**

- Grantees (ERP, Tech Center, WestEd, CVC-OEI)
- Data Stewards Working Group
- Foundation, Academic Senate, CISOA,
- Consider RP Group, CalPASSPlus, CalBright
- Occasionally a temporary project team or work group with time delimitation and one purpose

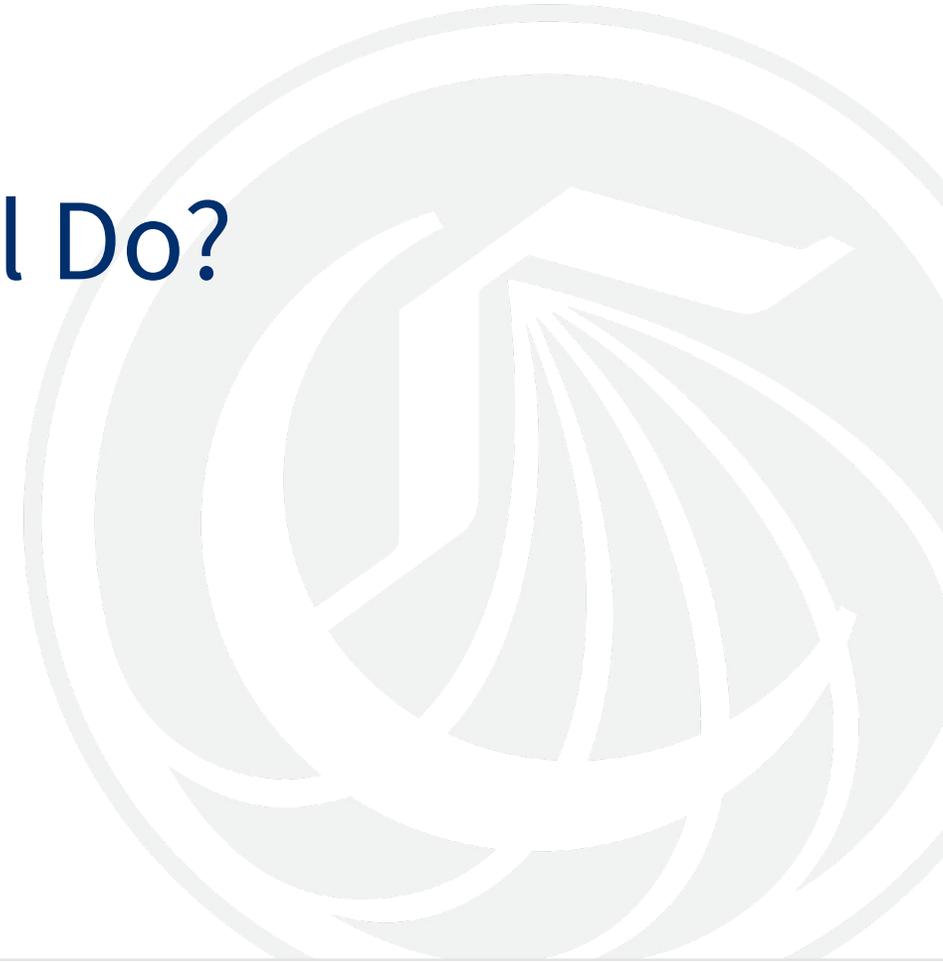
DGC Voting Membership (Current)

1. Barney Gomez, Co-Chair	2. Gary Adams, Co-Chair
3. Marc LeForestier, CCCCCO Legal	4. , Valerie Lundy-Wagner, CCCCCO Research
5. Todd Hoig, DII Data Management Systems	6. Christopher Anderson, DII Applications
7. Atsuko Nonoyama, DII Research	8. Justin Salenik, Governmental Relations
9. Raul Arambula, Educational Services	10. Michael Quiaoit, Educational Services
11. J.C. Mbomeda, WEDD	12. Wrenna Finche, Fiscal
Non-Voting Executive Consultant: Alex Jackl, TAP Data Governance Lead	

DGC Non-Voting Membership (Proposed)

1. Alex Jackl, TAP Data Management	2. David Kendall, TAP PMO
3. Ravinder Singh, WestEd	4. John Hetts, SMART
6. Mark Cohen, CCC Tech Center	7. Amir Khan, SAC
8. Kevin Snyder, Santa Rosa College, DSWG	9. Academic Senate
9. TTAC	10. Jim Temple, CISOA
11. CalPASSPlus	12. Stacey Fisher, Foundation
13. CVC-OEI	14. CalBRIGHT
15. Educational Results Partnership (ERP)	16. RP Group

What Does the Data Governance Council Do?



Data Governance Council

- What do they need to do?

- Bring Divisional Data Priorities to DGC for evaluation and consideration
- Approve the formation of temporary project teams or work groups with time delimitation and predetermined outcome
- Review and recommend changes to data definitions and metrics (to CCCCCO Executive Team)
- Respond to data recommendations and proposals from feeder organizations like TTAC, SAC, and the Data Stewards Working Group
- Review and update data access policy and the enterprise data strategy as needed
- Support data staff and leadership with issues like MOUs and data system design proposals.
- Provide risk recommendations to help CCCCCO Executive leadership navigate data topics and strategy

Decision Making Context

- The DGC is responsible for providing complete recommendations to executive leadership on issues regarding data and information use, storage, movement and sharing.
- The DGC will rely on work done by feeder organizations to get comprehensive analysis done.
- The DGC needs to be able to apply the *Vision for Success* and Guided Pathways goals and strategies to these issues, as well as strategical and tactical considerations from their divisions.
- Decision making should be executed using standard processes -- Robert's Rule of Order, after Presentation of the Issue and Ensuing Discussion

Calendar

Month	Date/Time	Proposed Meeting Place
February	February 13 10 – 11:30 AM	3rd Floor Hub Conference Room #2
March	March 12 10 – 11:30 AM	3rd Floor Hub Conference Room #2
April	April 16 10 – 11:30 AM	3rd Floor Hub Conference Room #2
May	May 14 10 -- 11:30 AM	3rd Floor Hub Conference Room #2
June	June 11 10 – 11:30 AM	3rd Floor Hub Conference Room #2
July	NO MEETING	
August	August 13 10 – 11:30 AM	3rd Floor Hub Conference Room #2

12 Noon to 12:30



California Community Colleges

ERP Sub-Committee Report/Update

Tim Calhoon



California Community Colleges

Accessibility: Standards and VRC Modules Report/Update

Daniel Kaufman



California Community Colleges

This is the background for the revised accessibility standard changes.

- Wrenna Finche from CCCCO has been coordinating the response from the CCCCO in regards to the California State Audit of the Chancellor's Office and three CCC institutions.
- Two of the recommendations from the State Auditor (#4 and #5) direct the CCCCO to provide guidance to colleges on establishing policies/procedures for monitoring the accessibility of instructional materials and college websites (see <https://www.auditor.ca.gov/reports/responses/2017-102/all>).
- As part of the regular follow-up, the State Auditor indicated these two recommendations were not fully addressed.
- After multiple exchanges between CCCCO legal, Wrenna, and the State Auditor, Wrenna requested the ASWG to update the Accessibility Standards to include these directives in order to meet the State Auditor's expectations.
- ASWG updated a draft and is now bringing it back to TTAC and CCCCO for review/approval.



Accessibility: System - Level Guidance

Daniel Kaufman

[Information and Communication Technology and Instructional
Material Accessibility Standard](#)

Language approved by the committee 1.23.2020



California Community Colleges

Okta Software Company - Single Sign-On Solution

Fred Rocha/Joe Moreau/Ben Seaberry



California Community Colleges

okta

Identity and Access Management

Securing and Transforming Student, Staff, and Faculty Experiences



How We Think About Identity at Okta



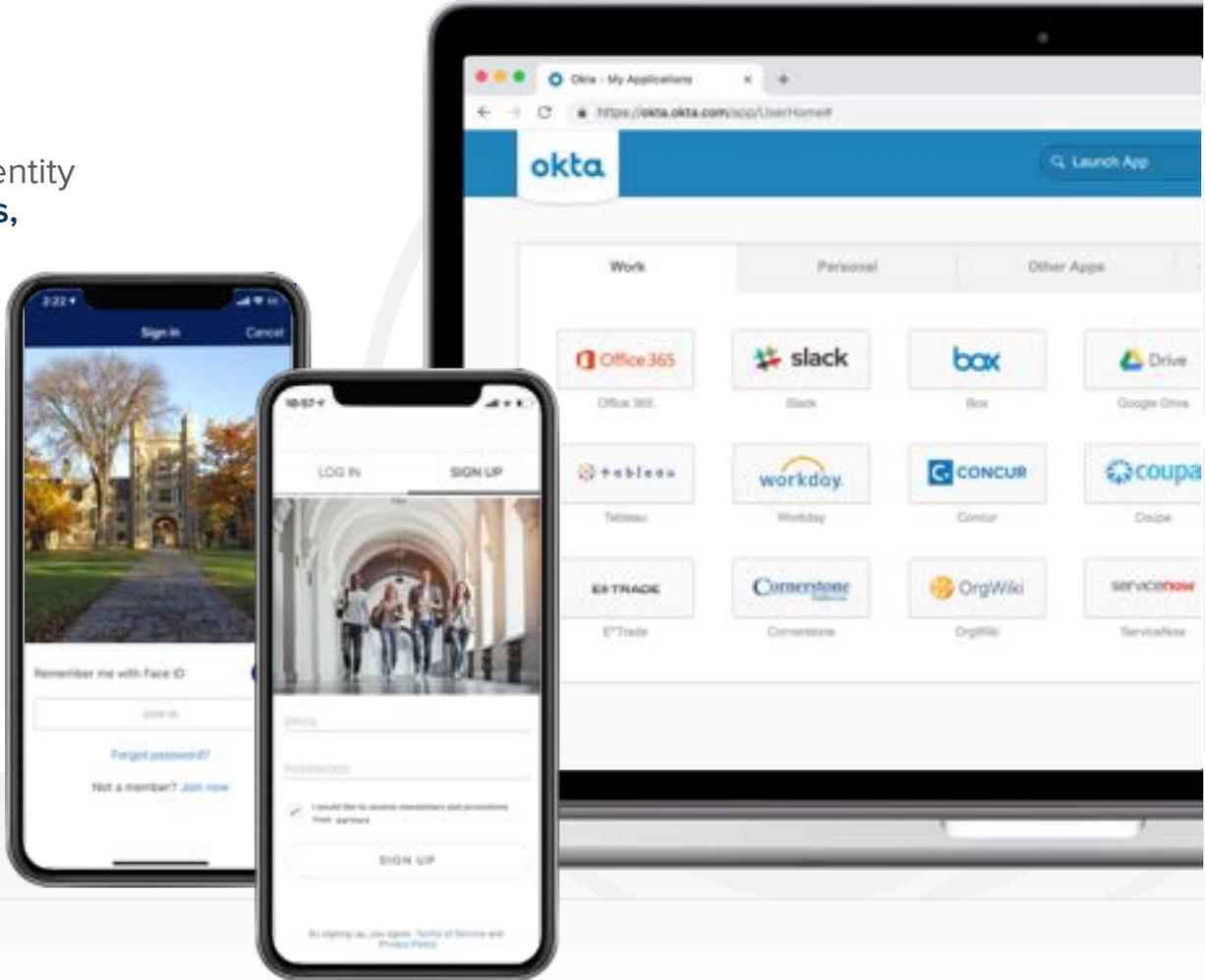
An independent and neutral platform for workforce identity – such as **employees, staff, doctors/nurses/professors, contractors, partner collaborators**



A scalable and secure customer identity platform – including **patients, students, alumni**



An identity-centric approach to modern, **Zero Trust security**



Okta's legacy of leadership across analyst research

FORRESTER



Gartner

Figure 1. Magic Quadrant for Access Management



Source: Gartner (August 2019)

Two for two – Leader in Gartner Access Management MQ in 2019 and Forrester IDaaS Wave in 2019

Perfect record – 9th consecutive Leader placement in identity research from Gartner and Forrester

Clear leader – Top ranked vendor in current offering and execution across key analyst research

Gartner, Inc., Magic Quadrant for Access Management, Worldwide, Gregg Kreizman, 18 June 2018

The Forrester Wave™: Identity-As-A-Service for Enterprise, Q2 2019, Forrester Research, Inc., 12 June 2019

Challenges & Current State



- Institutional equity challenges
- Fragmented or incomplete identity solution
- Security & vulnerabilities risks
- No system-wide integration with multiple SIS/ERP for students, faculty and staff
- No directory integration for identity mastery
- Importance of provisioning & de-provisioning

CCC Common experience

California Community Colleges

Launch App Home Gabriel + Add Apps Admin

My Apps Misc +

- Canvas LMS
- Zoom
- Splunk
- Ex Libris
- DIGARC
- Grouper
- Office 365 Office Portal
- Office 365 Calendar
- Office 365 Mail
- Office 365 Word Online
- Office 365 Excel Online
- Office 365 PowerPoint Online
- Internet2 Filesender
- Internet2 Wiki
- COHERENT Wiki
- EDUCAUSE
- ORCID



Coast Colleges IAM POC Conclusions

Objective	Okta POC	Value
One platform for identity and access	Proved out SSO integration - O365, Gsuite, Canvas, Cornerstone, Ellucian - Luminis	Eliminate customized solutions by implementing industry standards
Secure password management	Integrated existing Active directory with all administered through one UI with OKta	Reduced costs by automating and eliminating manual processes & customized work
Security with Multifactor Authentication	Self service capabilities for password reset, unlock account and personal settings	Decreased IT Helpdesk calls/tickets and reduced downtime for users
Identify application suite adoption and usage rates	Simple user MFA & admin capabilities to manage and enforce security policies	Reduce risk, increase security posture and user awareness
Lowest TCO with ability to scale and standardize across California Community Colleges system	Lifecycle Management real-time reporting and user visibility	Reduced costs through ability to right-size licensing with application vendors
	Multi-tenant SaaS pushes updates with no downtime, fast deployment and ability to scale with your org.	No expensive upgrades; no consultants; no IAM downtime; no laborious planning

Aligning to CCC Vision for Success

Design and decide with the student in mind

Lead the work of partnering across systems

Foster the use of data, inquiry and evidence

Reduce equity and achievement gaps

Help students reach educational goals sooner



A common and secure digital experience for all students from day 1

Digital equity from the Chancellors office to each individual school with one platform

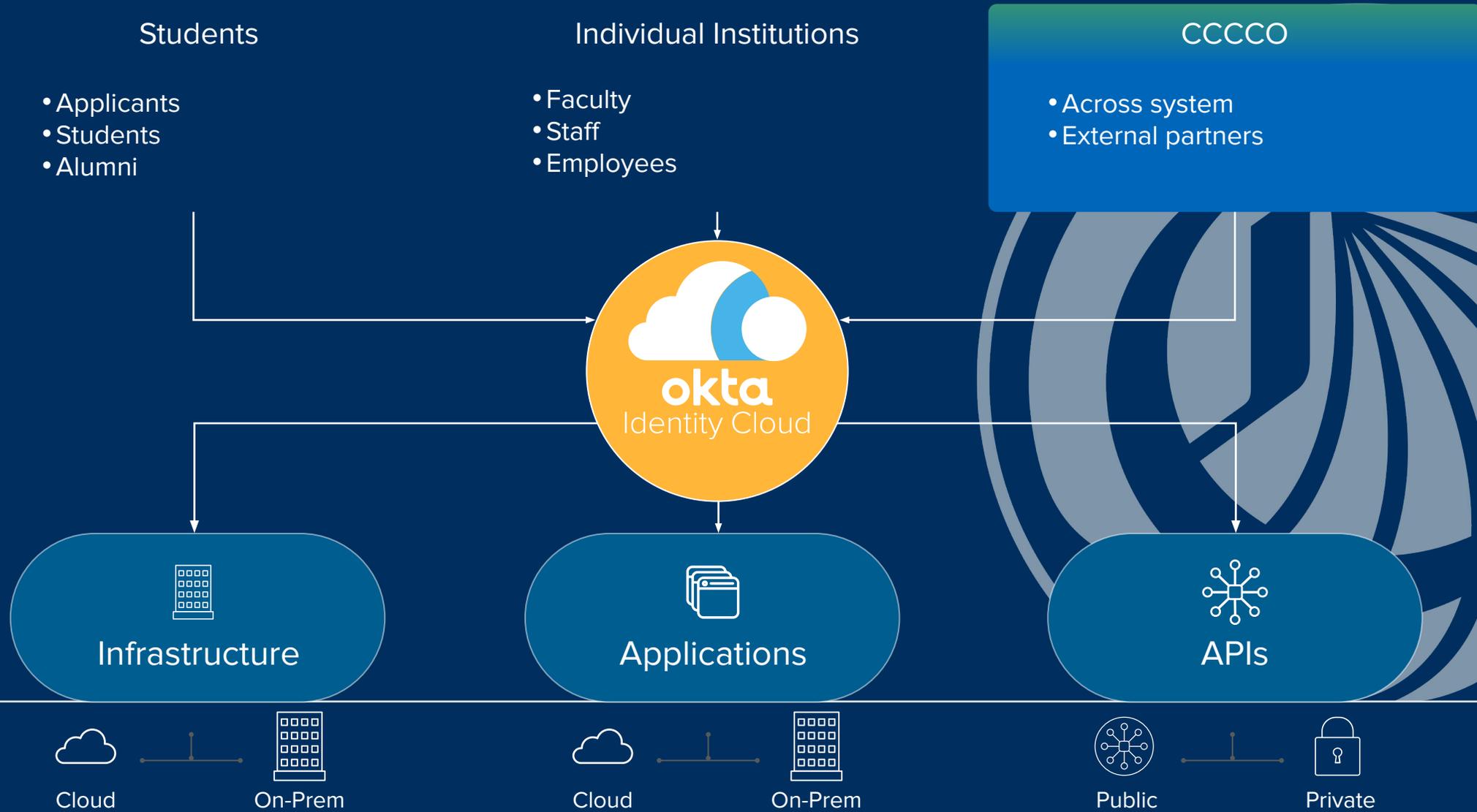
Leverage the CCC & Okta community effects

Simplify access for all on-campus, online learning and all resources to reduce gaps

Future-proofed foundation for innovative student success initiatives



One Identity Platform for All of CCC



Okta for California Community Colleges

Centralize Access Management

- One place to manage users, groups and devices
- Single Sign-on to all resources
- Transform the end user experience

Zero Trust Security and user access

- Multi-factor authentication
- Enable visibility and response
- Extended security ecosystem

Automate Access Lifecycle

- Unify HR, SIS and IT systems
- Automate user onboarding / offboarding
- Trigger workflows and customize processes



Okta and Accessibility

End User experience

- WCAG 2.3 compliant
- Section 508 compliant
- VPAT (Accessibility Conformance Reports)
 - Will be provided for details



The image features a blue background with a radial pattern of light blue lines emanating from the center. Overlaid on this are several semi-transparent, light blue circular rings arranged in a grid-like pattern. In the center, the word "okta" is written in a white, lowercase, sans-serif font. Below it, the words "Thank You" are written in a smaller, white, sans-serif font.

okta

Thank You

Open Gov Discussion

Barney Gomez



California Community Colleges

MOU/Data Request

Alex Jackl



California Community Colleges

Recap and Adjourn TTAC Meeting - 3:00 PM

Bill Scroggins and Cheryl Aschenbach



California Community Colleges