



California Community Colleges

Systemwide Architecture Committee

Bi-Monthly Meeting

May 26, 2022

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
- Review/Framing SAC purpose
- Enterprise Architecture
- Chancellor's Office Priorities
 - CCCID
 - SuperGlue
 - CVC Course Exchange
 - Fraud Mitigation
- Wrap-up





SAC Purpose

SAC Roles & Responsibilities

Work group providing technical expertise to inform the development and growth of system-wide information technology infrastructure.

- Technical reviews
- Recommendations
- Focus on technical solutions and efficiencies
- Overcoming the challenges of being decentralized

Roles & Responsibilities of TTAC vs SAC

Area	TTAC	SAC
Focus and Authority	<p><u>Broad</u> Considers overarching system vision, goals, policies and plans pertaining to improved outcomes for students. Provides recommendations to the CCCC. <i>“Does this generally make sense for the system?”</i></p>	<p><u>Narrow</u> Provides technical reviews pertaining to overall system architecture and other aspects of IT implementation and operations. Provides recommendations to the TTAC. <i>“Will it work from a technical perspective?”</i></p>
Strategic Planning	<p>Develops and recommends the vision, goals and objectives</p>	<p>Develops and recommends strategies to achieve objectives, specifies resource requirements including cost, and identifies technical issues. Recommends system-wide IT infrastructure guidance with respect to “Purpose” above.</p>

Area	TTAC	SAC
Policy Development	Recommends policies	Assesses impact of policies on technical operations, future design considerations, associated cost effectiveness issues, and the ability to implement and maintain services. Suggests areas where policies and plans may be needed.
Project Review	Reviews projects for applicability to the community college mission, vision, and goals.	Reviews projects for system-wide architecture implications such as feasibility, interoperability, scalability, supportability, and the ability to replicate. Facilitates impact analysis and RFX activities.

SAC Roles & Responsibilities

Participate in upcoming RFX activities

- Review RFI / RFP content
- Identify / confirm requirements
- Read / score RFX, participate in vendor demos

Provide recommendations for how colleges can overcome challenges to local implementation of software / tools

- Chancellor's Office priorities
- Integration with other software / tools



Enterprise Architecture

- EA Inventory work

Chancellor's Office Current Technology Priorities

- Initial EA Inventory Work: In October of 2021, the DII TAP team completed initial review and data collection effort to create a systemwide inventory of technology assets at the CA Community Colleges. This information was reviewed with the DII VC with follow-on questions and activities for how to collect and query this data for systemwide decision support activities.
- Ideation to Implementation: Early February, the DII TAP EA began turning that data into a small application that could be housed in an online environment and presented to DII leadership for decision support activities. Once the initial application design was completed, and the related data was entered, basic queries were developed to aggregate information by district, college, and technical application.
- Outreach and Communication: DII TAP EA lead began working with the Enabling Services team from CCCTC to initiate communications with the college representatives to update and validate the collected data. In April 2022, the resulting reports were provided to colleges and districts both at the CISOA conference and through the communications channels supported by the CCCTC Enabling Services team for additional updates. This work continues in support of agency determination for how to apply technology resources to support the current goals and objectives
- Status as of May 23, 2022:

	Response Received	Pending Response	No Response
No.of Colleges	81	19	17



Chancellor's Office Priorities

Chancellor's Office Current Technology Priorities

All colleges will:

- Use CCCID on currently and continuously enrolled students
- Enroll students through the CVC Course Exchange as **both** home and teaching colleges
- Use SuperGlue for bi-directional data sharing
- Implement automated monitoring processes related to fraud, including implementation of IPQualityScore, Okta and/or related tools

Shared Tech Center and CVC Work

Partnership between grantees to support colleges

- Course Exchange dependencies on Tech Center tools
- College contacts / outreach
- Documentation / resources
- Streamlining implementation support
- How else can we support colleges together?



CCCID

Use of CCCID (Fall '23)

- Required student level reporting
- For students enrolled prior to use of CCCID (Fall 2012)
 - What support is needed? What can be done?
 - How many students fall into this category at your college?
- Challenges with incarcerated students and other paper-based application processes
 - No auto-assignment of CCCID available without account creation process
 - Solutions proposed
 - How can we help?

Use of CCCID (Fall '23)

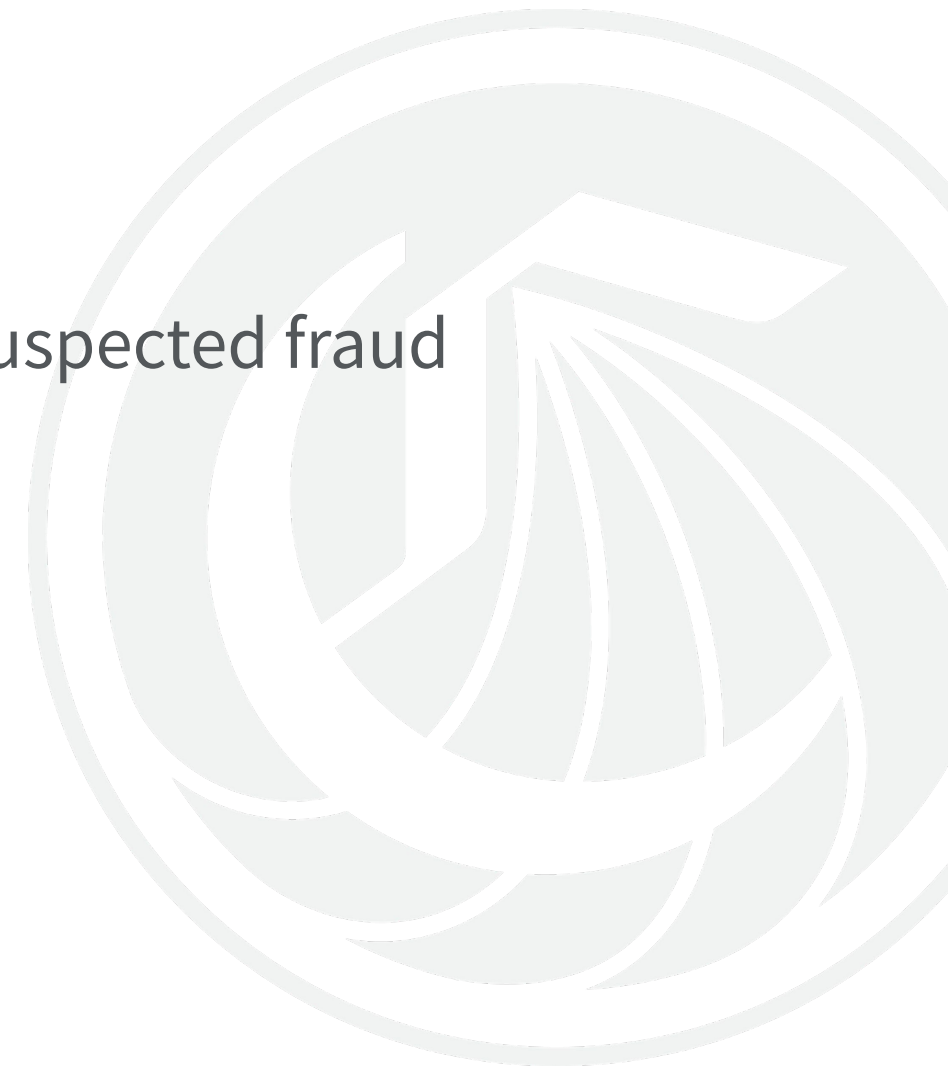
- Sharing CCCID as part of SSO Gateway / Proxy fields
 - Required to pass student level data between home and teaching college within Course Exchange
- Technical / non-technical blockers to locally storing and sharing CCCID as part of Gateway/Proxy
 - Local work is required to update SSO fields
 - Ensure LDAP environments include CCCID to update IdP configuration
 - What else?



SuperGlue

SuperGlue

- Download client sunset 6/30/22
 - Webinar 6/9
- Bi-directional connectivity to report/share suspected fraud
 - CCCID and/or AppID
 - Fraud flag/indicator
 - Colleges share with Tech Center
 - Tech Center shares with Colleges



SuperGlue

- Known challenges/issues
 - Homegrown SIS / ERP support
 - Local resource constraints / competing priorities
- Blockers to local implementation
 - Linux server vs preference for Microsoft Windows
 - Oracle vs Microsoft SQL database for staging tables
 - Preference for data delivery via PULL vs PUSH
- Recommendations for support / intervention
 - Direct support for implementation by Tech Center team
 - Additional documentation - checklists, short videos, webinars



CVC Course Exchange

CVC Course Exchange Home & Teaching College

- By 12/31/22
- Blockers to local implementation
 - Technical
 - Dependencies on other technical work
 - CCCID, SuperGlue
 - eTranscript
 - Non-technical
 - Local resource constraints / competing priorities



Wrap Up

Wrap-up

Looking forward

- Next TTAC meeting: June 23, 2022
- Next SAC Meeting: July 21, 2022



California
Community
Colleges

Thank you!

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