

Judicial Branch Technology Update: Statewide and Court Technology Advancements

The background of the slide features a large, faint, circular seal of the Judicial Council of California. The seal contains the text "JUDICIAL COUNCIL OF CALIFORNIA" around the perimeter, "EUREKA" at the top, and "1926" at the bottom. The central image of the seal depicts a figure holding a scale of justice, with a ship and a building in the background.

Presented by:

Hon. Marsha G. Slough, Chair, Judicial Council Technology Committee

Robert Oyung, Chief Information Officer, Superior Court of California, County of Santa Clara

Jeannette Vannoy, Chief Information Officer, Superior Court of California, County of Napa

Mark W. Dusman, Director Information Technology

December 2015

Background and Accomplishments to Date

The background of the slide features a large, faint, circular seal of the California Judicial Council. The seal contains the text "CALIFORNIA JUDICIAL COUNCIL" around the top and "1926" at the bottom. In the center, there is a figure holding a scale, with the word "EUREKA" above it. The seal also depicts a landscape with mountains, a ship, and a plow.

Hon. Marsha G. Slough

IT Security Framework Overview

Mr. Mark Dusman and
Mr. Robert Oyung

Overview

- First Information Technology Advisory Committee Workstream to be completed under the new Judicial Branch Strategic Plan for Technology.
- **Goal:** Identify specific sections in the Information Systems Controls Framework published by the Judicial Council that are most relevant to the trial courts.
- **Result:** A “how to use” guide and self-assessment checklist for trial courts.



IT Security Framework

- A model that courts can choose to adopt, NOT mandated.
- Provides context for a local court when they create their local IT security policies.
- Demonstrates that local policies are in alignment with an agreed upon framework.
- Framework is modular and individual sections can be ignored if they do not apply to a local court's specific environment.
- Does not require any funding to implement the framework.
- Local policies that the court decides to implement may require local funding.



Non-IT Example

Domain: Physical Security

Framework recommendation

Court facilities should be secure

Local court policy

Non-public accessible areas can only be entered through a locked entrance

Local court implementation

Option 1: Install locks with physical keys

Option 2: Install keypad lock

Option 3: Install locks with card key readers

- A local court can decide if they wish to adopt the framework recommendation.
- The local court determines the local court policy.
- The local court determines how to implement the policy.
- The local court identifies if resources exist to implement the local policy.



IT Example

Domain: Access control for mobile devices

Framework recommendation

Establish usage restrictions and configuration and connection requirements for branch entity-controlled mobile devices

Local court policy

Mobile devices must enforce a lock screen PIN.
Only email and calendar synchronization allowed.
Direct access to court network and other court applications prohibited.

Local court implementation

Option 1: Court IT configures court mobile devices per policy
Option 2: Software and configuration settings downloaded by end-user
Option 3: Mobile device management software manages device remotely

- A local court can decide if they wish to adopt the framework recommendation.
- The local court determines the local court policy.
- The local court determines how to implement the policy.
- The local court identifies if resources exist to implement the local policy.



IT Security Framework

What it is

- A model that courts can leverage.
- Provides context for a local court's IT security policies.
- Modular – courts can refer to only the sections that are relevant to them.
- Additional documentation to justify the local policy decisions made by a court.

What it is not

- A mandated set of policies.
- A specific list of technologies that should be implemented.
- Requirements for local court policies to be in compliance.



The background features a large, faint seal of the Judicial Council of the Philippines. The seal is circular and contains a central figure of a woman holding a scale of justice and a sword. The text "JUDICIAL COUNCIL OF THE PHILIPPINES" is written around the perimeter, and the year "1926" is at the bottom.

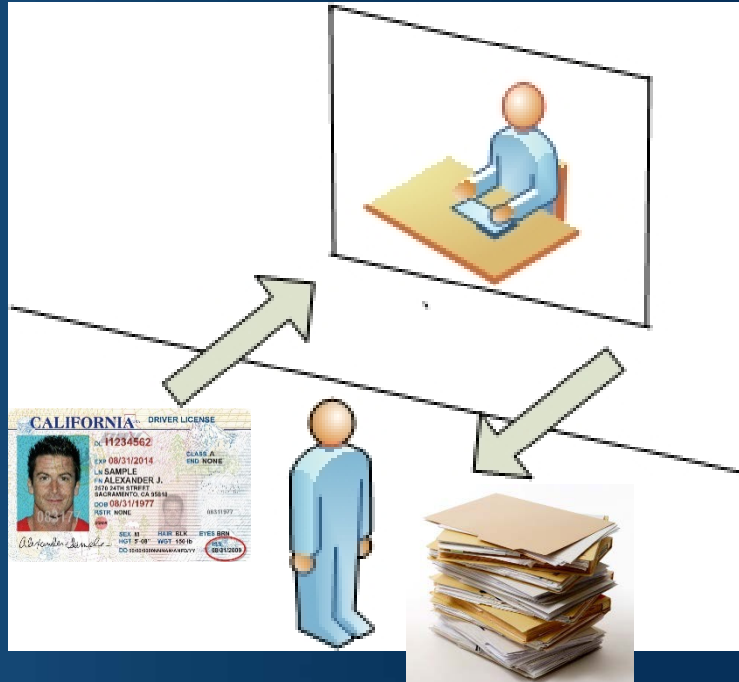
Technology Innovation

(when you have no money to spend)

Mr. Robert Oyung

Business Challenge

- Members of the public must come to the courthouse and show their ID to view certain confidential case files.
- How do we provide this service when the case files are in electronic format?



Options implemented at other courts

Print the file for viewing

- Benefits
 - Easy to implement
- Disadvantages
 - Time consuming to print
 - High use of resources – printer, ink, paper

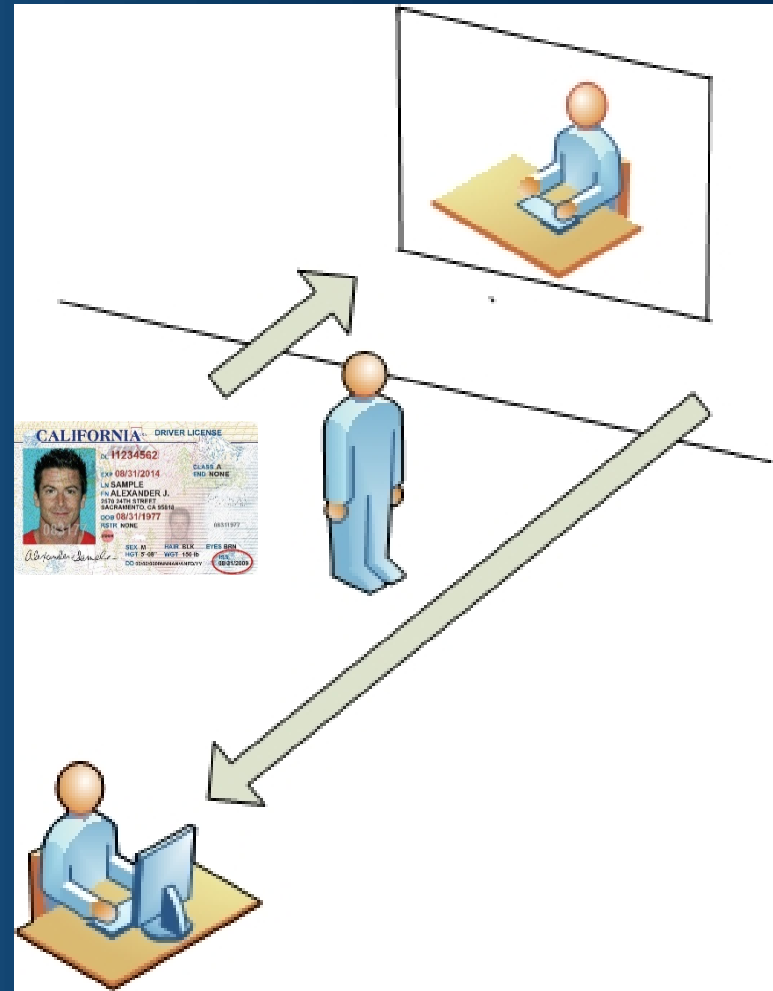
Write a custom application

- Benefits
 - Fully automated and secure access
- Disadvantages
 - Long time to implement
 - Requires software development and maintenance

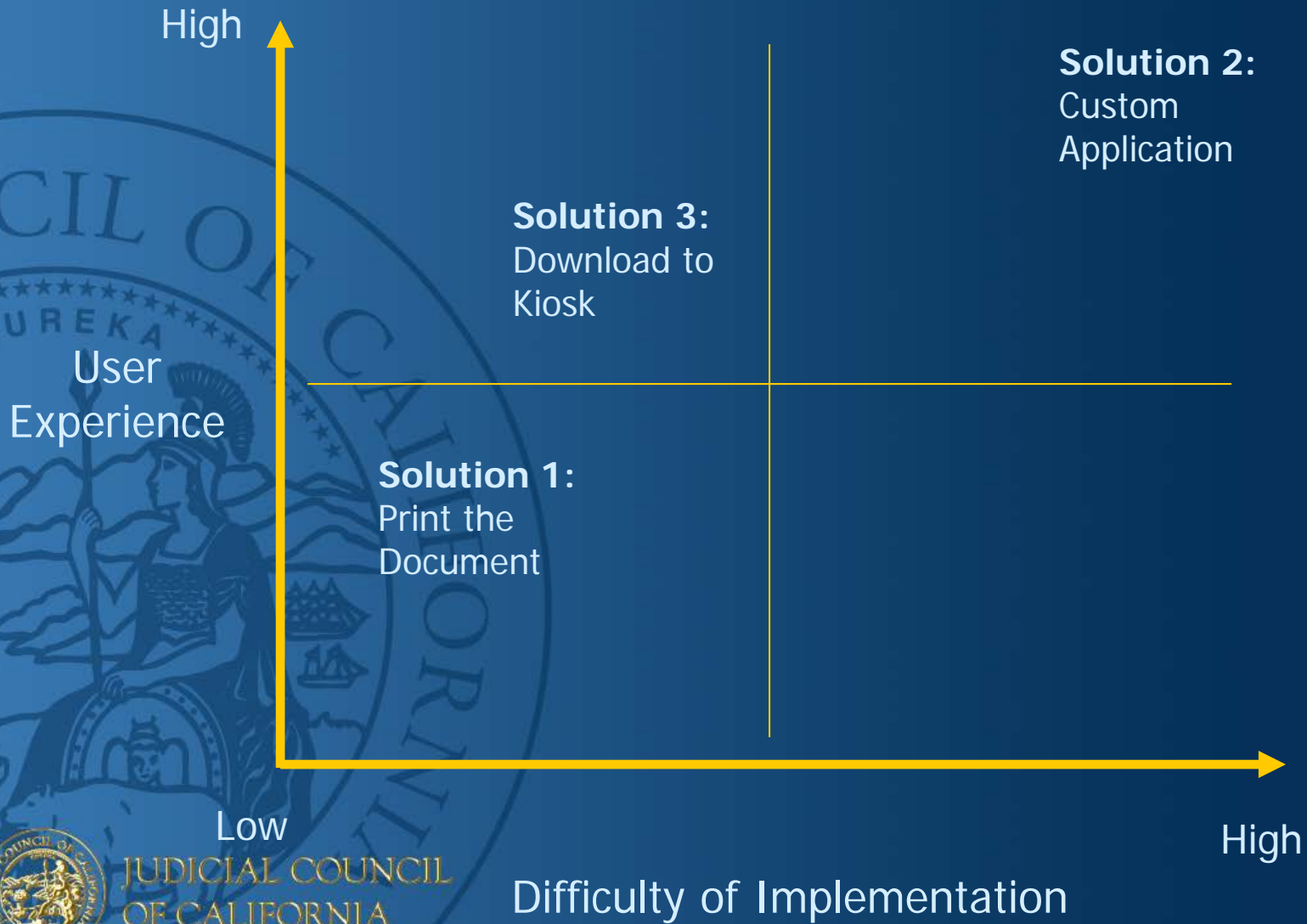


Our Solution

- Clerk validates the ID and then holds it.
- Clerk selects electronic files, downloads them, and transfers them to a specific computer kiosk.
- When person is done viewing, they go back to the clerk to get the ID and clerk deletes files from the kiosk.



Solution Comparison



Take Aways

- Technology innovation with no money = smart, clever, novel use of existing resources.
- True technology innovation requires funding and time to achieve better results.



The background of the slide features a large, faint, circular seal of the Judicial Council of California. The seal contains a central figure, likely a personification of Justice, holding a scale and a sword. Surrounding the figure are various symbols including a ship, a bear, and a plow. The text "JUDICIAL COUNCIL OF CALIFORNIA" is written around the perimeter of the seal, and the year "1926" is at the bottom.

Technology Collaborations

Ms. Jeannette Vannoy

Brief History

- Spirit of innovation in many courts throughout the state
- Courts have turned toward technology solutions to:
 - Enhance court efficiencies
 - Strengthen external justice system partnerships (state and local)
 - Provide Increase access for attorneys and the public
- Many courts have had independent success
- Although there has been minimal connection to shared technology goals and objectives



Collaboration: Court IT Management Forum

- CITMF formed informally ~10 years ago
- Consists of “top level” IT leaders throughout the CA Courts
- Provide a Forum to Work Together to Solve Common Problems
 - Solution and Information Sharing
 - Peer Consulting (all size courts)
 - Statewide Communication
 - Workstream Participation and Input
- Sample Accomplishments:
 - Statewide Case Management System RFP/Master Service Agreements for Courts
 - Technology Plan Task Force – Governance, Finance, Strategic Plan Tracks
 - Information Security Framework
 - Branch Network Infrastructure Program
 - Numerous local solutions to meet specific business needs (i.e., judicial education tracking, online orientation for mediation, etc.)



Collaboration: Branch Technology Plan

- Strategic Plan Goals:
 - Are applicable to all courts
 - Alignment can provide courts more opportunities to leverage the work of others
- Workstreams are inclusive and intended to benefit all Courts
- Workstreams actively engage the extended talent of key branch resources (Judges, CEOs, CIOs, Judicial Council staff)



Collaborative Project Example

- Court Case Management System Implementation (Santa Clara, Monterey, Napa)
 - Leverage the technical and operational knowledge of all 3 courts
 - Establish a common vision that provides a basis for further collaboration, to attain such things as:
 - Exclusive Use of Electronic Case Files
 - Increased “in court” Case Processing Efficiencies
 - Electronic Filing for Attorney’s
 - Increased Access and Services for the public, etc.
- Although funding is still required, the collaborative foundation and governance framework is established to better achieve successful outcomes



The background of the slide features a large, faint, blue-tinted seal of the Judicial Council of California. The seal is circular and contains the text "JUDICIAL COUNCIL OF CALIFORNIA" around the top edge and "1926" at the bottom. In the center, there is a figure holding a scale and a sword, with the word "EUREKA" above it. The seal also depicts a bear and a ship.

Next Steps

Hon. Marsha G. Slough

The seal of the Judicial Council of California is a circular emblem. It features a central figure of Minerva, the Roman goddess of wisdom, wearing a helmet and holding a spear. The word "EUREKA" is inscribed above her. The seal also depicts a bear, a ship, and a plow. The outer ring of the seal contains the text "JUDICIAL COUNCIL OF CALIFORNIA" and the year "1926" at the bottom.

Questions