

JUDICIAL COUNCIL OF CALIFORNIA

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INVITATION TO COMMENT

SP16-14

Title	Action Requested
Tactical Plan for Technology 2017-2018	Review and submit comments by January 23, 2017
Proposed Rules, Forms, Standards, or Statutes	Proposed Effective Date
N/A	March 24, 2017
Proposed by	Contact
Information Technology Advisory Committee Hon. Sheila F. Hanson, Chair	Kathleen Fink, Information Technology 415-865-4094 kathleen.fink@jud.ca.gov
ITAC Tactical Plan Update Workstream Hon. Terrence L. Bruiniers, Chair	

Executive Summary and Origin

As part of its 2016 Annual Agenda, the Information Technology Advisory Committee (ITAC) initiated a workstream to update the [Tactical Plan for Technology 2014-2016](#). After analyzing branch business drivers, evaluating existing initiatives, and incorporating new initiatives, the workstream now requests your input on the initial draft of the updated ***Tactical Plan for Technology 2017-2018***.

Please review and respond with your comments by **Monday, January 16, 2017 at 5:00 p.m.** You may submit your comments online or email: invitations@jud.ca.gov.

Background

The [Court Technology Governance and Funding Model 2014-2016](#) directs that the Judicial Council adopt a *Tactical Plan for Technology* every two years that will guide branch technology decisions. It assigns the Information Technology Advisory Committee the responsibility of developing, seeking input on, and producing the *Tactical Plan for Technology*. This document represents the first update to the *Tactical Plan for Technology* since the governance model was adopted.

As a starting point to drafting this updated plan, the workstream identified judicial branch business drivers. The preliminary results were presented to the Court Executives Advisory Committee, the Trial Court Presiding Judges Advisory Committee, and the Court Information Technology Management Forum for feedback.

The proposals have not been approved by the Judicial Council and are not intended to represent the views of the council, its Rules and Projects Committee, or its Policy Coordination and Liaison Committee. These proposals are circulated for comment purposes only.

With the [Court Technology Strategic Plan 2014-2016](#) and the business drivers as a foundation, the existing initiatives in the *Tactical Plan for Technology 2014–2016* were evaluated and updated. In addition, suggestions for new Tactical Plan initiatives were solicited from across the judicial branch. Taking into consideration the limited branch resources currently available, only two new initiatives were selected for inclusion in the *Tactical Plan for Technology 2017–2018*. The complete list of updated initiatives appears on page 16 of the draft Tactical Plan.

The draft *Tactical Plan for Technology 2017-2018* produced through this process was circulated to judicial branch stakeholders for comment. Stakeholders included members of the Information Technology Advisory Committee, Judicial Council Technology Committee, and Trial Court Budget Advisory Committee; along with presiding judges and justices, court executive officers, and court information technology officers. The Tactical Plan Update workstream met to discuss and respond to comments, and revisions were incorporated to the draft Tactical Plan where the workstream agreed it was appropriate.

The Proposal

The Information Technology Advisory Committee recommends that the Judicial Council adopt the updated *Tactical Plan for Technology 2017-2018*. This Tactical Plan represents high priority tactical initiatives that will best meet the business needs of the judicial branch over the next two years. It will move the branch forward in its strategic technology goals of

- promoting the digital court;
- optimizing judicial branch resources;
- optimizing judicial branch infrastructure; and
- promoting rule and legislative changes related to technology.

It recognizes the limited resources available to the courts and the judicial branch as a whole and seeks to use these resources to the best advantage.

Implementation Requirements, Costs, and Operational Impacts

Projected implementation requirements and costs vary from initiative to initiative within the Tactical Plan and are noted in the Funding Requirements section describing each initiative. Where it is determined there may be impacts to operations for the courts, Judicial Council, or justice partners, or where funding may be needed, a comprehensive business analysis will be performed for the initiative to ensure that return on investment can be maximized. Potential funding sources have also been identified for each initiative within each initiative description.

Enhancing electronic access to our courts and court services and promoting more efficient business practices through information technology aligns with the core values of our judicial branch, with the technology vision, and with Chief Justice Tani G. Cantil-Sakauye’s vision for restoring access to our courts, Access 3D. The “digital court” with the capability of 21st century

data exchange will not only allow us to do more with less but also significantly broaden meaningful access to the courts for litigants, lawyers, justice partners, and the public.

Request to Review and Provide Input

As technology the judicial branch pursues and adopts affects the courts, justice partners, and all users of the California courts, we are seeking comment on the draft *Tactical Plan for Technology 2017-2018*.

CALIFORNIA JUDICIAL BRANCH

Tactical Plan for Technology

2017–2018

Information Technology Advisory Committee

Tactical Plan Update Workstream

December 16, 2016

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Tactical Plan Update Workstream Membership

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INTRODUCTION

This Tactical Plan for Technology (2017–2018) is the first revision of the initial judicial branch Tactical Plan for Technology (2014–2016), which was established with the Court Technology Governance and Strategic Plan effective October 2014. The Technology Governance and Funding Model states:

Recommendation 12: The Judicial Council should adopt a Tactical Plan for Technology every two years that will guide branch technology decisions.

It is the responsibility of the Information Technology Advisory Committee to facilitate the process of updating the Tactical Plan for Technology, working with judicial branch stakeholders and other advisory committees. To accomplish this, the Tactical Plan Update Workstream was established in April 2016.

As a starting point for analysis, the workstream drafted a description of judicial branch business drivers (see Appendix A) using the “value disciplines” model (which posits three value disciplines or areas in which an enterprise can focus: operational excellence, customer intimacy, and product leadership)¹ and SWOT analysis—that is, strengths, weaknesses, opportunities, and threats.² SWOT is a structured planning method that evaluates those four elements of a project or organization. The preliminary results were presented to the Court Executives Advisory Committee, the Trial Court Presiding Judges Advisory Committee, and the Court Information Technology Management Forum for feedback.

The consensus on the judicial branch’s primary service value focus is operational excellence by delivering to court users more effective, efficient court processes at a lower cost. Other value disciplines, including product leadership (delivering innovative services) and customer intimacy (delivering personalized services) should also have some emphasis. However, the judicial branch should not value innovation over improving access to justice, and the goal is to deliver individual justice, not customized justice.

With the Court Technology Strategic Plan and the business drivers as a foundation, the initiatives in the 2014–2016 tactical plan were updated. For a brief description of the initiatives, see the Technology Initiatives Summary (2017–2018) on page 16 in this document. A progress report for the initiatives is attached in Appendix B.

Suggestions for new tactical plan initiatives were solicited from across the judicial branch. Taking into consideration the limited branch resources currently available, two new initiatives were selected for inclusion in the 2017–2018 tactical plan:

- Digital evidence: acceptance, storage, and retention; and
- Expand the branch IT community through increased sharing of resources, training, and collaboration.

¹ Michael Treacy and Fred Wiersema, *The Discipline of Market Leaders: Choose Your Customers, Narrow Your Focus, Dominate Your Market* (Addison-Wesley, 1995).

² Copyright 2010 by the Institute for Court Management.

Technology Planning Documents

Results from the Information Technology Advisory Committee’s Tactical Plan Update Workstream in 2016 include the following document:

Document	Description
Two-year Tactical Plan for Technology (2017–2018) (this document)	Individual initiatives that will contribute to and support the Strategic Plan for Technology.

Results from the Technology Planning Task Force in 2014 include the following documents:

Document	Description
Technology Governance, Strategy, and Funding Proposal: Executive Summary	An overview of the proposed framework for the oversight of technology programs, strategic initiatives, and associated funding mechanisms. This includes a set of models, processes, and tools to ensure the effective and efficient use of information technology.
Technology Governance and Funding Model	Detailed recommendations from the Technology Planning Task Force for technology governance and funding, including suggested decision-flow processes, internal and external benchmarking data, and detailed analysis of the proposed governance and funding models.
Four-year Strategic Plan for Technology (2014–2018)	The strategic goals, objectives, and metrics for technology initiatives over the next four years.
Superseded:	
Two-year Tactical Plan for Technology (2014–2016)	Individual initiatives that will contribute to and support the Strategic Plan for Technology.

Business Context

Many of the business drivers that shaped the creation and content of the Technology Governance and Funding Model and the associated Strategic Plan for Technology and Tactical Plan for Technology reflect the complexity and diversity of the California judicial branch and the population that it serves. The California court system—the largest in the nation, with more than 2,000 judicial officers, approximately 19,000 court employees, and nearly 6.8 million cases—serves over 39 million people, 7 million of whom have limited English proficiency. The state Constitution vests the judicial power of California in the Supreme Court, Courts of Appeal, and superior courts. The Constitution also provides for the formation and functions of the Judicial Council, the policymaking body for the state courts.

The judicial branch has diversity in geography, court size, and case types. The smallest superior court has two judicial officers serving a population of just over 10,000 while the largest has 585 judicial officers serving a population of almost 10 million. Courts have varying levels of fiscal health and capabilities and budget cuts have drastically affected their ability to maintain existing technology assets or invest in technology improvement. This reduced funding results in a critical need to take full advantage of the remaining scarce technical resources and expertise within the branch.

At the same time, there is a high demand for access to justice. The public and attorneys want to interact with the court as they do with other businesses—online and anytime. There is demand for integrated justice and a need to adapt to constant change in the environment. However, existing rules and legislation were written assuming a paper-based court and did not contemplate a digital, electronic one.

Technology Vision

A technology vision guides the branch to where it needs to be to promote consistency statewide while providing local court innovation to best meet the needs of California’s citizens. The vision for judicial branch technology is:

Through collaboration, initiative, and innovation on a statewide and local level, the judicial branch adopts and uses technology to improve access to justice and provide a broader range and higher quality of services to the courts, litigants, lawyers, justice partners, and the public.

This vision also sets forth the framework within which the guiding principles can readily be applied.

Technology Principles

Guiding principles establish a set of considerations for technology project decision makers. They articulate the fundamental values that provide overall direction to technology programs within the justice community. As principles, they are not mandates nor do they establish conditions for technology project advancement. These guiding principles are in no way intended to obligate courts to invest in new, or to modify existing, solutions or services.

1. **Ensure Access and Fairness.** Use technologies that allow all court users to have impartial and effective access to justice.
2. **Include Self-Represented Litigants.** Provide services to those representing themselves, as well as those represented by attorneys.
3. **Preserve Traditional Access.** Promote innovative approaches for public access to the courts while accommodating persons needing access through conventional means.
4. **Design for Ease of Use.** Build services that are user-friendly, and use technology that is widely available.
5. **Provide Education and Support.** Develop and provide training and support for all technology solutions, particularly those intended for use by the public.
6. **Secure Private Information.** Design services to comply with privacy laws and to assure users that personal information is properly protected.
7. **Provide Reliable Information.** Ensure the accuracy and timeliness of information provided to judges, parties, and others.
8. **Protect from Technology Failure.** Define contingencies and remedies to guarantee that users do not forfeit legal rights when technologies fail and users are unable to operate systems successfully.
9. **Improve Court Operations.** Advance court operational practices to make full use of technology and, in turn, provide better service to court users.
10. **Plan Ahead.** Create technology solutions that are forward thinking and that enable courts to favorably adapt to changing expectations of the public and court users.
11. **Improve Branchwide Compatibility Through Technology Standards.** Provide branchwide technology standards or guidelines related to access to information or submission of documents that support the branch’s goal of greater compatibility for the public and state justice partners.
12. **Consider Branchwide Collaboration and Economies of Scale.** Identify opportunities to collaborate on technologies to reduce costs, leverage expertise and training, and improve consistency.
13. **Foster Local Decisionmaking.** Develop, fund, and implement technologies to improve local business processes that may provide a model for wider implementation.
14. **Encourage Local Innovation.** When developing branchwide technologies, allow for adaptation to address local needs, foster innovation, and provide, where appropriate, a model for wider implementation.

STRATEGIC PLAN

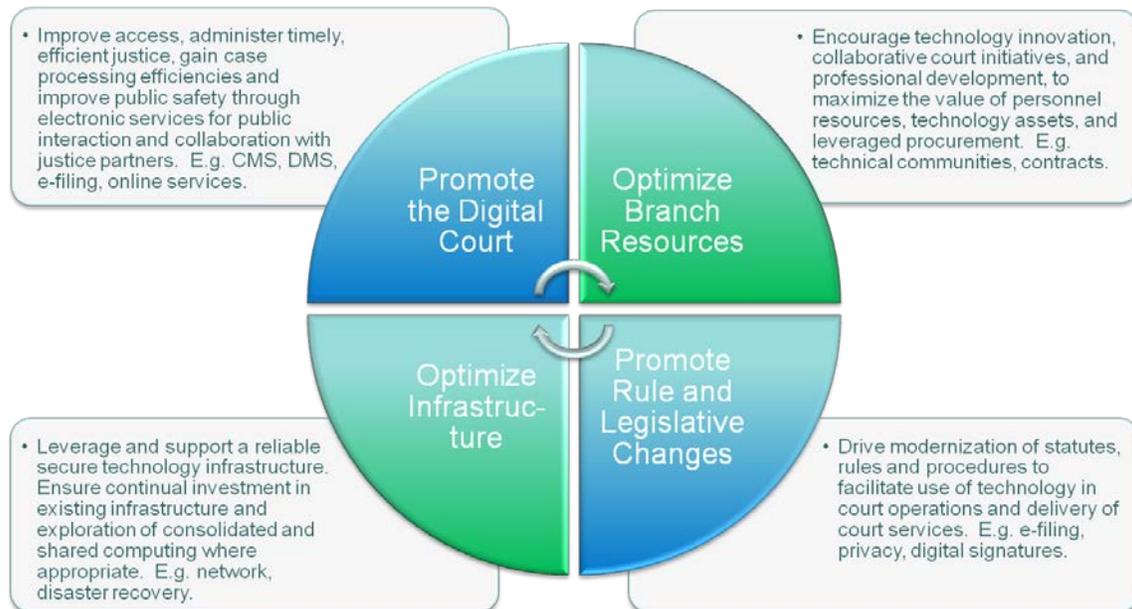
A strategic plan describes the overall goals for an organization. The associated tactical plan outlines the initiatives that provide a roadmap for achieving those goals.

The branch technology strategic plan is a cascading plan that supports the Judicial Council Strategic Plan for the branch. The branch strategic plan and goals will drive a four-year technology strategic plan, which will then drive a detailed two-year tactical plan consisting of individual projects. Before implementation, individual projects will have a clearly stated business case and cost-benefit analysis.

All of these activities will align with the overall goals of the branch.

Summary of Technology Goals (2014–2018)

The Technology Planning Task Force has identified four technology goals for the branch in support of the overall goal of providing access to justice.



Goal 1: Promote the Digital Court—Part 1: Foundation

Statement of Goal

The judicial branch will increase access to the courts, administer timely and efficient justice, gain case processing efficiencies, and improve public safety by establishing a foundation for the Digital Court throughout California.

Objectives (prioritized)

- 1.1.1. Establish a digital court foundation by implementing modern and supportable case management systems (CMS) and document management systems (DMS) where needed to allow all courts to efficiently deliver services to the public.
- 1.1.2. Ensure that courts have the ability to operate independently of local government infrastructure for critical court operations.
- 1.1.3. Facilitate or provide shared technology infrastructure for courts without local resources and/or for those courts who wish to collaborate or leverage other opportunities for shared services.
- 1.1.4. Effectively utilize the digital court foundation to enable:
 - Extended access and services to the public, including electronic filing and enhanced access for those with limited English proficiency.
 - Enhanced judicial and administrative decision-making.
 - Data and information sharing across the courts.
 - Enhanced collaboration and cooperation between and among courts.
 - Enhanced collaboration and cooperation with local and statewide justice partners.

Goal 1: Promote the Digital Court—Part 2: Access, Services, and Partnerships

Statement of Goal

The judicial branch will improve access to the courts, administer timely and efficient justice, gain case processing efficiencies, and improve public safety by implementing a comprehensive set of services for both public interaction with the courts and collaboration with branch justice partners.

Objectives (prioritized)

- 1.2.1. Provide consistent, convenient, and secure remote digital access to court information and services for court users and practitioners, including self-represented litigants and limited English proficiency litigants, regardless of geographic and jurisdictional limitations and local resource constraints.
- 1.2.2. Increase operational efficiencies by establishing new or expanding existing e-business opportunities.
- 1.2.3. Enhance public safety through expansion of statewide programs such as the California Courts Protective Order Registry (CCPOR) to include all courts.
- 1.2.4. Establish standardized, automated, and timely data exchanges with state (e.g., California Highway Patrol (CHP), Department of Justice (DOJ), Department of Child Support Services (DCSS)) and local partners (e.g., county agencies, collections providers, etc.), to promote public safety and improve overall effectiveness and efficiency of the California justice system.

Goal 2: Optimize Branch Resources

Statement of Goal

The judicial branch will maximize the potential and efficiency of its technology resources by fully supporting existing and future required infrastructure and assets, and leveraging branchwide information technology resources through procurement, collaboration, communication, and education.

Objectives (prioritized)

- 2.1. Reduce overall cost and effort when purchasing technology by forming groups and consortia to leverage procurements wherever possible.
- 2.2. Recruit, develop, and maintain a workforce with the knowledge, skill, and ability to deliver the full potential of information technology within the branch and to the public.
- 2.3. Maximize the value of limited branch resources through innovative technology solutions that can improve, enhance, and support the efficient and effective implementation and delivery of court programs, processes, and education.
- 2.4. Maximize the return on investment when leveraging existing technology assets and selecting new technologies.
- 2.5. Integrate branchwide strategic priorities into education and professional development programs for judicial officers and court staff.
- 2.6. Promote continual improvement of court practices by collaborating on court technology solutions, leverage and share technology resources, and creating tools to educate court stakeholders and the public.
- 2.7. Identify and implement technology best practices within the branch.

Goal 3: Optimize Infrastructure

Statement of Goal

The judicial branch will leverage and support a reliable, secure technology infrastructure. It will ensure continual investment in existing infrastructure and exploration of consolidated and shared computing where appropriate.

Objectives (prioritized)

- 3.1. Ensure secure and reliable data network connectivity throughout the branch.
- 3.2. Provide a consistent level of infrastructure security across the branch.
- 3.3. Determine if there is any efficiency that could be achieved through the deployment of converged voice and data technologies.
- 3.4. Develop a next-generation data center hosting model that will meet the current and anticipated future business needs of the branch.
- 3.5. Ensure that critical systems and infrastructure can be recovered in a timely manner after a disaster.

Goal 4: Promote Rule and Legislative Changes

Statement of Goal

The judicial branch will drive modernization of statutes, rules, and procedures to facilitate use of technology in court operations and delivery of court services.

Objectives (prioritized)

- 4.1. Determine if it is necessary to add new rules or legislation or modify any existing ones in anticipation of technology solutions that will be deployed in the near term.
- 4.2. Ensure current rules and legislation do not inhibit the use of current technology solutions.
- 4.3. Ensure rules and legislation support the four-year strategic plan and the two-year tactical plan.

TACTICAL PLAN

A strategic plan describes the overall goals for an organization. The associated tactical plan outlines the initiatives that provide a roadmap for achieving those goals.

The branch technology strategic plan is a cascading plan that supports the Judicial Council Strategic Plan for the branch. The branch strategic plan and goals will drive a four-year technology strategic plan, which will then drive a detailed two-year tactical plan consisting of individual projects. Every two years, the branch will update its tactical plan to support the four-year strategic plan. Before implementation, individual projects will have a clearly stated business case and cost-benefit analysis. All of these activities will align with the overall goals of the branch.

This tactical plan represents the revisions to the initial two-year Tactical Plan for Technology (2014–2016).

This 2017–2018 tactical plan contains a set of technology initiatives encompassed in a number of focused, ambitious projects with a two-year time frame for completion. These initiatives should be launched or continue in 2017 and be completed by 2018. Each initiative supports the roadmap, which propels the branch toward the four strategic goals.

Although some requests for funding of specific projects have been recently granted (e.g., budget change proposals for completing the branch LAN/WAN³ deployment and transitioning courts to modern case management systems), judicial branch funding for technology continues to be inconsistent, ad hoc, and less than what is needed to fully leverage its potential. Technology investments at the branch and local levels are still severely limited, particularly as local reserves have been spent down and cannot be rebuilt. Therefore, the revised tactical plan again reflects the reality of scarce resources. Initiatives continue to focus on planning and investigation, on projects that can be self-funded or are low or no cost, and on developing budget change proposals to request state funding. Once consistent funding is restored, the judicial branch can make further progress on many initiatives not currently feasible, and can move into design, development, and deployment of more ambitious projects and programs.

Most of the tactical plan initiatives are continuing projects from the 2014–2016 plan. Two new initiatives were selected based on their ability to support the four strategic technology goals and judicial branch technology business drivers. Initiatives continue to be prioritized based on their foundational aspects, dependency on other initiatives, and amount of time required to realize benefits. For example, initiatives focused on core components of the Digital Court such as case management systems and document management systems were given a higher priority than initiatives such as developing case management system interfaces and data exchanges since these depend on completion of the core components.

A comprehensive business analysis will be performed for each initiative to ensure that the return on investment can be maximized. A collaborative and inclusive process will be used to

³ Local area network and wide area network, respectively.

form project teams with members from the trial courts, appellate courts, and Judicial Council staff.

The initiatives will be governed under the new model described in the Technology Governance and Funding Model. The majority of the initiatives will be managed by the Information Technology Advisory Committee, while the Judicial Council Technology Committee may identify some initiatives that they wish to oversee directly.

Timelines for initiatives have been estimated and are assumed to continue or begin in the first quarter (Q1) of calendar year 2017, but initiatives may be delayed if adequate funding or resources are not available at the scheduled start time.

Nevertheless, this tactical plan provides a roadmap and intended direction for the judicial branch in moving toward its vision to promote the Digital Court.

Technology Initiatives Summary (2017–2018)

Technology initiatives are listed in priority order within each of the strategic goals.

Strategic Goal	Initiative	Objectives Supported	Disposition for Tactical Plan 2017–18
Promote the Digital Court	Case management system (CMS) assessment and prioritization	1.1.1., 1.1.2., 1.1.3., 1.1.4.	Continuing, revised
	Document management system (DMS) expansion	1.1.1., 1.1.2., 1.1.3., 1.1.4.	Continuing, revised
	Courthouse video connectivity (including video remote interpreting)	1.2.1., 1.2.2.	Continuing, revised
	California Courts Protective Order Registry (CCPOR)	1.2.1., 1.2.2., 1.2.3.	Continuing, revised
	Implement self-represented litigants (SRL) e-services	1.2.1., 1.2.2.	Continuing, revised
	Jury management technology enhancements (trial courts)	1.1.4.	Defer for consideration in next tactical plan
	Statewide e-filing program development	1.2.1., 1.2.2.	Continuing, revised
	E-filing deployment	1.2.1., 1.2.2.	Continuing, revised
	Identify and encourage projects that provide innovative services	1.2.1., 1.2.2.	Continuing, revised
	Establish an “open source” application-sharing community	1.2.1., 1.2.2.	Defer for consideration in next tactical plan
	Develop standard CMS interfaces and data exchanges	1.2.1., 1.2.4.	Completed current scope, Phase I. New initiative: Develop governance, maintain data exchanges
	Standard CMS interfaces and data exchanges—Phase II: governance and maintenance	1.2.1., 1.2.4.	Phase II to cover tasks not in the scope of the original initiative
Digital evidence: acceptance, storage, and retention	1.1.4, 1.2.1., 1.2.2.	New initiative	
Optimize Branch Resources	Establish hardware and software master branch purchasing/licensing agreements	2.1.	Defer for consideration in next Tactical Plan
	Expand the branch IT community through increased sharing of resources, training and collaboration	2.2., 2.5., 2.6., 2.7.	New initiative
Optimize Infrastructure	Extend LAN/WAN initiative to remaining courts	3.1.	Continuing, revised
	Transition to next-generation branchwide hosting model	3.1., 3.4., 3.5.	Continuing, revised
	Security policy framework for court information systems	3.1., 3.2.	Completed
	Court disaster recovery framework and pilot	3.1., 3.5.	Continuing, revised
Promote Rule and Legislative Changes	Identify new policy, rule, and legislative changes	4.1., 4.3.	Continuing, revised

Detailed Description of Technology Initiatives

This section provides a detailed description of each technology initiative along with a high-level summary project template. These templates are not intended to document approved commitments but rather to act as a tool to help project teams create detailed project plans once proper funding and resources are available. Scope, deliverables, and timelines are estimated and subject to change.

Each project template contains the following sections:

- **Description**—Detailed description of the initiative along with potential business drivers, background, and history.
- **Major Tasks**—High-level list of expected major tasks and outcomes.
- **Dependencies**—Requirements that the initiative relies on for successful completion.
- **Funding Requirements**—Estimated one-time costs to launch and deploy the initiative and estimated ongoing costs for maintenance and operation.
- **Potential Funding Sources**—Suggested options for funding one-time and ongoing expenses.
- **Types of Courts Involved**—Could be based on type (trial court, appellate court), size (small, medium, large), location (northern, southern), or consortium (case management specific, etc.).
- **Sample Timeline**—List of major milestones, if known, and estimated time frame for completion.

Technology Initiatives to Promote the Digital Court

Case Management System (CMS) Migration and Deployment

Description

This project continues from the previous tactical plan and will determine a high-level approach to identifying strategies and solutions for implementing case management systems with document management functionality that support the Digital Court. The original scope of this initiative was to perform business analysis and planning and did not include the actual deployment of CMS solutions. Several CMS deployment initiatives were launched after the initial assessment was conducted and the focus has now primarily changed to migration and implementation of system deployments in progress; however, there are still courts that have not yet established a CMS modernization plan.

Major Tasks

- Update the inventory of existing case management systems within the branch.
- Determine strategy and approach for existing CMS environments.
 - Plan CMS V3 phase out using received budget change proposal funds.
 - Plan Journal Technologies/Sustain Justice Edition migrations based on pending budget change proposal.
 - Determine approach for courts that have not been able to establish a CMS modernization plan.
- Continue to leverage best practices for CMS migrations and deployments already in progress.
- Identify potential consortia for related systems.
- Determine strategies for facilitating successful consortia.
- Identify replacement cost.
- Identify available funding for prioritized projects.
- Identify resources to support courts through the project request process.

Dependencies

- Need to receive funds for Journal Technologies/Sustain Justice Edition CMS budget change proposal.
- Need to identify resources that will support the courts through the project request process.

Funding Requirements

One-Time

- Travel budget for a small number of face-to-face planning meetings to supplement regular phone conferences.

Ongoing

- None required for this assessment.

Potential Funding Sources

None required for this assessment, but budget change proposals will be necessary for funding CMS deployments and migrations.

Types of Courts Involved

All trial courts.

Sample Timeline

Milestone	Time Frame
V3 CMS planning	Q4 2016
Sustain Justice Edition CMS planning	Q2 2017
Approach for courts without a plan	Q4 2017
CMS budget change proposal	2018

Document Management System (DMS) Expansion

Description

To achieve the full benefit and efficiencies of electronic filing, a court's case management system must integrate with a document management system (DMS)/enterprise content management (ECM) system. DMS/ECM provides for a true paper-on-demand environment with configurable workflows and other operational benefits. While the majority of modern case management systems include integrated DMS, extending existing case management systems with DMS/ECM where feasible is far less expensive and disruptive than acquiring new case management systems.

DMS/ECM also provides support and operational efficiencies for trial court administration (e.g., fiscal, facilities, human resources, procurement, and the like).

Major Tasks

- Identify opportunities for acquisition and integration of DMS/ECM with existing branch and local case management systems, and for administrative use at both branch and local court levels.
 - Implement DMS/ECM for the current Appellate Court Case Management System to take full advantage of the e-filing pilot program currently underway, and to leverage that system for use by Judicial Council staff.
- Identify the most efficient and cost-effective model for implementation.
- Leverage branchwide master services agreements for document management system software procurement.
- For courts that have not yet implemented a DMS, develop educational sessions on transitioning from paper to electronic case files.

Dependencies

- Available budget for DMS acquisition through a budget change proposal (BCP).
- Coordination and alignment with CMS assessment.

Funding Requirements

One-Time

- Hardware, software, and services for DMS implementation at identified courts.

Ongoing

- Annual maintenance; periodic software and hardware upgrades.

Potential Funding Sources

- Grant funding or BCP for initial pilot programs, or vendor partnerships funded by user fees.
- Ongoing costs must be covered by each individual court's operating budget and/or user fees.

Types of Courts Involved

All courts—Supreme Court, Courts of Appeal, and superior courts.

Sample Timeline

Milestone	Time Frame
Submit BCP for appellate courts	Q4 2016
Deploy solutions	Q3 2017

Courthouse Video Connectivity

Description

The initiative will restore and enhance public access to court information and services and will create court cost savings and efficiencies by:

- Expanding use of remote video appearances and hearings in appropriate case types and matters;
- Expanding remote availability of certified and registered court interpreter services; and
- Expanding use of remote video outside of the courtroom (e.g., self-help center/family law facilitator and/or mediation).

Almost two decades ago, the Court Technology Task Force (predecessor to the Court Technology Advisory Committee), in its 1995 report to the Judicial Council, identified nine technology goals, including:

To promote efficiency, access, convenience, and cost reduction, interactive video technology should be incorporated into all justice proceedings and administrative functions as permitted by law and consistent with the purposes of the judicial branch.⁴

In August 1997, the Court Technology Advisory Committee presented a report to the Judicial Council titled *Report on the Application of Video Technology in the California Courts*. While primarily focused on the use of video arraignments, the report noted the important benefits achievable by using this technology in other areas, including motions, mental health proceedings, and other pretrial matters.

Use of telepresence technology (e.g., videoconferencing) will allow courts to provide the public with ongoing access to court proceedings at a time when court resources are being substantially reduced and courthouses are being closed.

Project 1: Remote Video Hearings - Expanded Remote Traffic Appearances

In December 2012, the Judicial Council adopted rule 4.220 of the California Rules of Court, authorizing trial courts to conduct remote video proceedings (RVP) in cases involving traffic infractions and approving a pilot project in the Superior Court of Fresno County. The authorization for remote video proceedings in rule 4.220 applies to any alleged infraction involving a violation of the Vehicle Code or any local ordinance adopted under the Vehicle Code, with certain exceptions. Rule 4.220 defines a “remote video proceeding” as an arraignment, trial, or related proceeding conducted by two-way electronic audiovisual communication between the defendant, any witnesses, and the court in lieu of the physical presence of both the defendant and any witnesses in the courtroom. (See Cal. Rules of Court, rule 4.220(b)(2).) The rule requires semiannual reports from any pilot court, including evaluations and assessments of the costs and benefits of the projects.

⁴ Judicial Council of Cal., *Justice in the Balance 2020: Report of the Commission on the Future of the California Courts* (1993), p. 107.

The experience gained from the pilot project of the Superior Court of Fresno County can be leveraged to:

1. Identify other courts able and willing to implement remote video traffic appearances;
2. Pursue funding and/or vendor partnerships for equipment and telecommunications infrastructure where needed;
3. Identify other appropriate case types for remote video appearances; and
4. Pursue any statutory/rule changes required to allow use of remote appearance technology in additional case types.

Project 2: Video Remote Interpreting (VRI) - Remote Spoken Language Interpreting

In 2011, the Superior Courts of Riverside, Shasta, Sonoma, and Stanislaus Counties began a video remote interpreting pilot program for hearing-impaired court users, providing certified American Sign Language (ASL) court interpreters by courtroom video connection. As a result, the participating courts have increased access to certified ASL court interpreters, and interpreters can be scheduled quickly and conveniently. VRI allows use of the same interpreter in multiple court facilities in the same half-day sessions, makes more efficient use of a limited resource, and eliminates travel expenses.

Other jurisdictions have pioneered the use of remote language interpreting. Seven states have successfully implemented VRI. The Ninth Judicial Circuit in Florida provides centralized Spanish-language interpreting for over 22,000 court hearings per year in 67 courtrooms in seven court facilities covering 2,229 square miles. Certified interpreters are provided for initial appearances, arraignments, dependency and delinquency hearings and trials, traffic and misdemeanor cases, and felony pretrial hearings.

A 2013 National Call to Action report sponsored by the National Center for State Courts and the State Justice Institute addressed the critical need for courts to develop, improve, or expand resources for individuals with limited English proficiency (LEP). A key recommendation was that courts utilize remote interpreting technology to fulfill LEP needs and ensure quality services.

In August 2013, the Chief Justice announced Access 3D, her vision for improving access to justice for all Californians that involves physical, remote, and equal access to the justice system: Courts must be safe, secure, accessible, and open during hours that benefit the public; court users should be able to conduct their business online; and courts must serve people of all languages, abilities and needs, in keeping with California's diversity. Efforts to enhance language access for LEP court users are a critical component of this vision.

In January 2015, following an extensive stakeholder participation process that included public hearings and public comment, the Judicial Council adopted the [Strategic Plan for Language Access for the California Courts](#). This plan provides a comprehensive set of 75 recommendations to help create a branchwide approach to language access. Recommendation 16 proposed that the Judicial Council conduct a pilot VRI project, in alignment with the judicial branch's Tactical Plan for Technology (2014–2016).

The experience gained from the California ASL pilot programs and from use of remote language interpreting in other jurisdictions can be leveraged to:

1. Identify one or more courts willing and able to implement remote video language interpreting;
2. Pursue funding and/or vendor partnerships for equipment and telecommunications infrastructure where needed; and
3. Pursue any statutory/rule changes required.

Major Tasks

- Implement remote video language interpreting in at least one foreign language, in at least two courts as a pilot.
- Evaluate the remote video language interpreting pilot and report recommendations to the Judicial Council.

Dependencies

- Infrastructure/equipment.
- Collaboration/cooperation with other advisory committees, working groups, and other programs (Civil and Small Claims, Traffic, Court Interpreters Advisory Panel) and with the Technological Solutions Subcommittee of the Judicial Council's Language Access Plan Implementation Task Force.
- Collaboration/cooperation with local government and the public for remote traffic appearances in non-court locations.
- Collaboration/cooperation with justice partners.
- Collaboration/cooperation with other stakeholders (e.g., interpreters, bar associations).

Funding Requirements***One-Time***

- Hardware, software, and telecommunications infrastructure if not currently available.
- Bandwidth/network upgrades if required.

Ongoing

- Annual maintenance and/or lease expenses for hardware and software.

Potential Funding Sources

- Grant funding or BCP for initial pilot programs, or vendor partnerships funded by user fees.
- Ongoing costs must be covered by each individual court's operating budget and/or user fees.

Types of Courts Involved

All courts serving large geographic areas, with diverse demographics, with sufficiently robust existing LAN/WAN or other supporting infrastructure.

Sample Timeline

Project 1: Expanded Remote Traffic Appearances

Milestone	Time Frame
Project launch	Q3 2014
Identify additional participating courts and requirements (funding/IT support)	Q3 2014
Implement video appearances in additional participating courts	Q1 2015
Evaluate projects and identify expansion opportunities for additional courts/case types	Q4 2015
Prepare any necessary rule of court amendments/legislative change proposals for submission to Judicial Council	Q2 2016

Project 2: Remote Spoken Language Interpreting

Milestone	Time Frame
Define implementation guidelines/infrastructure and hardware requirements; draft any required enabling rules of court	Q1 2015
Identify pilot project courts/vendors; prepare RFP if required	Q3 2016
Select vendors; obtain Judicial Council adoption of enabling rules of court	Q3 2016
“Go-live” in one or more pilot courts	Q1 2017
Evaluate project and report to Judicial Council	Q3 2017

California Courts Protective Order Registry (CCPOR)

Description

The California Courts Protective Order Registry is a system developed and maintained by Judicial Council staff. Currently, the system is used by 43 counties to electronically process and access all restraining and protective orders and their proofs of service. Pending Trial Court Budget Advisory Committee approval for a long-term funding increase for additional storage, by the end of fiscal year 2016–2017, the Superior Courts of Orange County and Sacramento County will deploy CCPOR.

The CCPOR system provides for the participating courts:

- A statewide registry for storing data and images of restraining and protective orders;
- A service allowing judicial officers and law enforcement agencies to access and view outstanding orders, reducing the possibility of conflicting orders across departments;
- A gateway for processing orders to the Department of Justice’s California Restraining and Protective Order System (CARPOS) quickly and accurately; and
- A data exchange (specification DSP917) allowing court case management systems to send protective order data and the required Judicial Council forms to the CCPOR repository.

Two key components of CCPOR are the ability to enter and upload protective order data into the system either directly or through the data exchange and to search and retrieve that data, including electronic images of court orders. Viewing these electronic images is particularly valuable because this allows judicial officers and authorized court staff to view special conditions and notes added by judges that are not available through the California Law Enforcement Telecommunications System (CLETS). In addition, information about court orders that is entered into CCPOR is automatically transmitted to CLETS.

Major Tasks

- Develop cost projections and recommend an appropriate funding approach for each of the remaining 15 courts/counties. The funding requirements will include the hardware and software necessary to onboard into CCPOR, as well as one-time and ongoing costs (e.g., scanners for smaller courts and the additional storage needed to onboard the larger courts).
- Develop a deployment roadmap using experiences of past court CCPOR deployments. The roadmap will take into consideration the environments of the courts yet to implement CCPOR. Some courts may already have a DMS and electronic protective orders. Other courts may rely on manual processes. Funding for a court that is already scanning should support the migration of the scanned orders and associated data in the form of additional storage required for the CCPOR central repository. The roadmap will also address the unique challenges of coordinating with the larger courts as well as the local law enforcement agencies to gain the greatest benefits from CCPOR.
- Identify the sequence, time frames, and costing by rollout for the deployment of CCPOR to the 15 remaining courts.

Dependencies

- The program relies on an electronic image of each protective order. While a DMS is not required for CCPOR, courts with existing document management systems may have fewer challenges with configuration during deployment.
- Local law enforcement agencies must be willing and able to participate in the deployment of the system in each court.

Funding Requirements

One-Time

- Scanners and associated software, and storage for document images.
- Services to assist with the deployment of the system.

Ongoing

- Annual server hosting, restraining and protective order (RPO) data, and associated document image storage fees.
- Annual maintenance cost for purchased hardware and software.

Potential Funding Sources

- Grant funding, if available, or BCP for continued deployments.

Types of Courts Involved

This initiative will be focused on the 15 remaining trial courts that have not implemented CCPOR:

1. Courts that have deployed or are planning on deploying a case management system that has the DSP917 data exchange module enabled for integration with CCPOR.
2. Courts that have data conversion requirements wishing to onboard into CCPOR can leverage the DSP917 data exchange module for loading of historical and active RPOs. Both Orange County and Sacramento County superior courts would likely onboard into CCPOR using this mechanism. Additional ongoing funding is required.
3. Courts that have no CMS RPO module and no historical data to convert will need to be assessed.

Sample Timeline

Milestone	Time Frame
Initiative launch	Q4 2016
Assess remaining courts	Q1 2017
Develop funding requirements and model	Q2 2017
Secure funding	Q3 2017
Deploy next-phase courts	Q4 2017–Q4 2018
Publish project report	Q1 2019

Self-Represented Litigants (SRL) E-Services

Description

Self-represented litigants (SRLs) are an increasingly large segment of the population that our courts serve, particularly in case types such as family law. Self-represented parties often have extreme difficulty in identifying the pleading forms they require, completing them accurately and legibly, and filing them in a timely manner. Self-help resources vary widely from jurisdiction to jurisdiction and have suffered from recent budget cuts. Restrictions on the filing hours in many courts have placed significant additional burdens on both court personnel and on litigants.

The SRL E-Services initiative will envision and define a digital services strategy for SRLs that will take advantage of both existing and available branch resources to provide more convenience to the public, and provide tangible benefits and cost efficiencies to the courts. The initiative will develop a comprehensive set of business and technical requirements intended to deliver increased online assistance, greater integration of self-help resources, and greater self-reliance for those hoping to resolve legal problems without representation.

A central access point for SRLs (and for community organizations that assist them) will provide consistent information resources and can utilize already developed question-and-answer interview processes, “smart” Judicial Council forms, and document assembly tools to create complete, accurate, and legible form sets. Those forms can then be electronically filed with those courts that have the ability to accept the filings, or electronically delivered to those courts without e-filing capacity, using current branch infrastructure.

The cost of developing and implementing such a system could be largely borne by a modest service fee paid by non-indigent SRLs. Such a fee would represent far less expense for the SRL than now incurred when he or she must take time from work and travel to what may be a distant courthouse to submit documents.

Major Tasks

- Determine and validate both litigant needs and court requirements;
- Identify existing technology and infrastructure solutions that can be leveraged;
- Identify and gather information resources to assist litigants;
- Identify pilot project participant courts;
- Develop an RFP for an SRL e-services solution to solicit vendors and identify initial costs;
- Plan and fund a scalable statewide prototype;
- Design, build, and deploy the prototype as a pilot for one case type or a limited feature set with one or more courts;
- Evaluate prototype/pilot and refine; and
- Design and execute additional phases with additional case types, features, and courts.

Dependencies

- Funding requirements, funding sources, timeline, and milestones to be determined by project team.

- Existing branch infrastructure, including California Courts Technology Center resources, the integrated services backbone (ISB), and LAN/WAN could be used to complement and supplement local court resources.
- Integration with other related projects and workstreams, including E-Filing, Intelligent Forms, and Identity Management.
- Smart forms have already been developed for many Judicial Council pleading forms, and document assembly software is already licensed at the branch level. There are a multitude of existing self-help resources at the branch and local court levels that could be coordinated and leveraged.
- Courts committing to engage in the prototype/pilot and later phases.

Funding Requirements

One-Time

- Initial design, testing, and development and deployment costs, based on a phased rollout.

Ongoing

- Operational expenses associated with maintaining new e-services; maintaining and updating forms, information, resources, and instructional materials.

Potential Funding Sources

- There may be sufficient vendor interest to allow initial development costs to be funded in whole or in part by one or more service providers. A request for information (RFI), would be required to assess interest.
- Ongoing operational costs could be supported, in whole or in part, by user fees paid by non-indigent self-represented litigants.

Types of Courts Involved

Courts with existing e-filing solutions can benefit from a simplified SRL filer interface and integration with interview software and Smart Forms. Courts without e-filing capability can benefit from e-delivery of complete, accurate, and legible pleadings.

Sample Timeline

Milestone	Time Frame
Initiative launch	Q2 2015
Business charter with high-level business requirements	Q4 2016
Functional requirements with statewide deployment plan (phased or “Big Bang”)	Q1 2017
Funding requirements and BCP or RFI	Q2 2017
Functional prototype and pilot	Q3 2017
Design and build	Q4 2017
Launch Phase 1	Q1 2018
Launch other phases	Q3 2018

Statewide E-Filing Program Development

Description

Rule 2.253(b) of the California Rules of Court allows courts to mandate electronic filing of “documents in civil actions directly with the court, or directly with the court and through one or more approved electronic filing service providers, or through more than one approved electronic filing service provider, subject to [specified conditions].”

While courts are not required to use an e-filing service provider (EFSP), many will choose this route as the EFSP will shoulder much of the workload in training users and providing technical support for e-filing transactions from the point of e-filing all the way to integration with the courts’ case and document management systems.

California courts currently support two e-filing standards for civil actions: the legacy 2GEFS (Second-Generation Electronic Filing Specifications) and the recently approved ECF/NIEM (Electronic Court Filing/National Information Exchange Model) standard. All case management system vendors looking to do business in California are being required to support the ECF/NIEM standards. The scope of this project is for ECF/NIEM EFSPs.

Onboarding (or certifying) a new EFSP is an involved process that typically moves through solicitation, selection, contracting, integrating, and testing with the court CMS, and finally implementing. Historically, each court would certify EFSPs individually for its particular CMS and jurisdiction. Today there are between 15 and 20 EFSPs doing business in some part of California.

The statewide Electronic Filing Workstream has taken the approach of selecting multiple e-filing manager (EFM) vendors to service California’s trial court e-filing needs. This multi-EFM model shifts the duty of EFSP selection and certification away from the EFM vendor and to the branch. EFSPs will be required to work with all statewide EFMs, which will be required to work with the core four CMS vendors (Tyler Technologies, Thomson Reuters, Justice Systems, and Journal Technologies).

Each EFSP will need to have contractual relationships with filers, the EFM vendors, individual trial courts, and the judicial branch. The Electronic Filing Workstream will formally define these relationships.

Major Tasks

- Complete the EFM procurement.
- Develop an operating model for court, EFM, and EFSP participation.
- Document EFSP interactions with EFMs, branch financial gateway vendors, and a possible statewide identity management solution.
- Develop an EFSP certification framework.

Dependencies

- Certification process must adhere to the *Judicial Branch Contracting Manual*.
- Alignment with CMS strategy required.
- Completion of the E-Filing Workstream RFP.

Funding Requirements***One-Time***

- To be determined, although a BCP placeholder request has been submitted for financial gateway integration and identity management.

Ongoing

- Judicial Council staff or trial court staff to administer the overall EFSP program.

Potential Funding Sources

- Recovered through user fees paid by filers.
- BCP funding or grant funding on an ad hoc basis.

Types of Courts Involved

This initiative is applicable to trial courts participating in the statewide E-Filing Manager agreement.

Sample Timeline

Milestone	Time Frame
EFM RFP and selection	January 2017
Financial gateway integration	June 2017
Identity management integration	June 2017
EFSP certification program	June 2017

E-Filing Deployment

Description

Electronic filing and storage of court documents is a national trend that is becoming a permanent feature of how litigants interact with the courts. When implemented, e-filing provides immediate benefits to the court through cost efficiency and accuracy and convenience to the filer. In California, a rapidly expanding number of courts are benefiting from e-filing.

A fully successful e-filing implementation is typically characterized by:

- Majority of data entry is performed by the filer through a portal.
- Filing data and attached documents are transmitted to the court using Extensible Markup Language (XML).
- A court e-filing manager (EFM) tracks all inbound and outbound transmissions and performs some validation checking.
- Remaining validations are handled through a “clerk review” process, which can be automated.
- Accepted filing data is stored in the court case management system, the document is stored in the court document management system, and the notification of acceptance is sent back to the user.
- Court filing fees are typically paid electronically directly by the filer or through an intermediary.

In May 2015 the Information Technology Advisory Committee commissioned an E-Filing Workstream to define and implement a statewide e-filing solution. The workstream is slated to complete the RFP and selection process in early 2017.

Major Tasks

- Complete the E-Filing Manager RFP and selection process.
- Develop an operating model for court, EFM, and EFSP participation.
- Determine the level of support for trial courts utilizing a CMS outside of the core four (Tyler Technologies, Thomson Reuters, Justice Systems, and Journal Technologies).
- Create and publish an e-filing implementation plan for trial courts participating in the statewide e-filing program.

Dependencies

- To achieve maximum benefit, the program relies on case and document management systems capable of supporting e-filing.
- In order to mandate e-filing, a court will need at least two e-filing service providers (EFSPs) or the court (or Judicial Council staff) will need to provide and operate an e-filing portal.
- Courts lacking a modern case and/or document management system can implement a variation of e-filing called “e-delivery.” E-delivery removes the dependency on modern case and document management systems but provides reduced benefits.

Funding Requirements

One-Time

- None identified. It is believed that the program will be funded through transactional costs.
- Court staff costs to design the new procedures for handling case flow and filing fee management.

Ongoing

- None identified.

Potential Funding Sources

- User fees paid by the filers.

Types of Courts Involved

This initiative is applicable to trial courts operating one of the core four case management systems or courts opting for standalone e-delivery solutions.

Sample Timeline

Milestone	Time Frame
Conduct RFP and vendor selection	Q4 2016
Vendor contracting	Q1 2017
EFSP integration	Q3 2017
Pilot court	Q3–4 2017
General availability for any trial court	Q4 2017

Identify and Encourage Projects that Provide Innovative Services

Description

This initiative will investigate the potential for starting projects focused on providing innovative services to the public, the State Bar, justice partners, and law enforcement agencies. These services will provide a conduit for easier access to court resources and generate automated mechanisms relating to conducting court business. In addition, these innovative services will generate efficiencies within each judicial branch entity, thereby promoting more effective utilization of branch resources and existing infrastructure.

Major Tasks

- Establish a process for fostering local court and branch innovation.
- Determine available funding resources or cost-recovery models.
- Submit proposals to utilize fiscal year 2016–2017 innovation grants.
- Examples might include:
 - A common identity management platform to enable members of the public and attorneys to register once and utilize a single login to access all services across all courts.
 - An electronic search warrants system with the versatility to be hosted centrally or deployed independently at various courts.
 - An electronic probable cause declaration system with the versatility to be hosted centrally or deployed independently at various courts.
 - Self-service kiosks to provide courthouse visitors access to services electronically.

Dependencies

The availability of branchwide innovation funds would accelerate the identification and pilot of innovative services.

The Budget Act of 2016 provided \$25 million for a Court Innovations Grant Program. The funds are designated for a competitive grant program developed and administered by the Judicial Council. The grant program will focus on proposals for high-priority innovations, modernizations, and efficiencies in the trial and appellate courts, with \$12 million to be awarded for collaborative courts, \$8 million for self-help, family, and juvenile courts, and \$5 million for other efficiencies across all types of courts. Up to five percent of the total appropriation is for the Judicial Council for the administration of the program.

Funding Requirements

One-Time

- Unknown.

Ongoing

- Unknown.

Potential Funding Sources

Initial funding through innovation grants, with ongoing funding from restoration of branch technology funding.

Types of Courts Involved

All courts—Supreme Court, Courts of Appeal, and superior courts.

Sample Timeline

Milestone	Time Frame
Project proposals	Q4 2016
Project launches	2017–2018

Standard CMS Interfaces and Data Exchanges—Phase II: Governance and Maintenance

Description

This initiative has investigated the development of a set of commonly used CMS interfaces and data exchanges that would be based on standards, and be reusable by courts, vendors, and CMS exchange partners. Selected common, frequently used data exchanges and interfaces have been defined collaboratively by the courts, Judicial Council staff, vendors, and other exchange partners.⁵ Many of these approaches have been tested through actual court implementation. A web portal was established and is being developed to serve as a searchable repository for the exchanges' interfaces and their associated documentation, and as a knowledge center for both creators and consumers of the data exchanges and interfaces. The portal also accommodates the certification and posting of court- or vendor-created extensions or modifications to the initial library of common data exchanges and standard interfaces. Finally, a governance plan defining the policies, guidelines, communication methods, and maintenance procedures for managing this new system of exchanges is expected by December 2016.

Thereafter, a new tactical initiative is required to govern and promote the ongoing management of the repository and to develop standardized approaches for updating the data exchange solutions with the branch's justice partners. The initiative's scope includes maintaining the technical standards for data exchange, transport, and security, as well as the implementation of the approved governance strategy, relationship management, and approval/deployment processes.

Major Tasks

- Complete and implement the governance model for managing the use, ongoing support, addition, or modification of data exchanges;
- Promote the single data exchange standard established between each justice partner and the judicial branch to use as a development target for CMS vendors and the default for local data exchanges;
- Provide the continued support of a lead court as a point of contact for all CMS vendors and justice partners for each justice partner exchange;
- Continue to collect the required documentation to support exchange development and track the current implementation status of each exchange by each vendor;
- Establish a formal process and brokerage for acceptance of standard exchange updates and modifications;
- Finalize the "goal state" for the long-term data exchange standards;
- Maintain the repository of required materials that support the development of standardized exchanges.

⁵ Initial data exchanges, data classification activities, and interfaces focus on the most-used common exchanges such as those between trial courts and the Department of Child Support Services, the Department of Motor Vehicles, the Department of Justice, the California Highway Patrol, and the Department of Corrections and Rehabilitation. The next set of exchanges may include the Department of Social Services and common local justice partners. It is expected that any required common exchanges could leverage work from existing court-implemented exchanges or from previous branchwide data exchange efforts.

Dependencies

- Aligns with CMS strategy.
- Ongoing available documentation from justice partners on data exchange requirements.
- Ongoing participation by justice partners to develop and maintain their portion of the exchange.
- Ability to establish a standing entity (and appropriate staffing) to govern and maintain the system of exchanges.

Funding Requirements***One-Time***

- Not applicable due to repository being established in 2016 via an existing branchwide application already in production.

Ongoing

- Annual maintenance and licensing cost.
- Staff support to governance entity.

Potential Funding Sources

- BCP funding or grant funding.

Types of Courts Involved

- All courts—Supreme Court, Courts of Appeal, and superior courts.

Sample Timeline

Milestone	Time Frame
Maintenance phase of initiative launch	Q1 2017
Establish new governance entity	Q1 2017
Implement formal process for modifications and updates to the standardized exchanges per the governance plan	Q2 2017
Continue and maintain repository of exchange documentation and authorizations	Ongoing

Digital Evidence: Acceptance, Storage, and Retention

Description

Develop statutes, rules, business practices, and technical standards governing digital evidence.

Trial exhibits are increasingly offered into evidence or are available in digital form, including data files, images of documents, audio recordings, video recordings, and digital images. Since there are few specific laws and virtually no technical standards regarding digital evidence, courts are struggling with what to do with exhibits offered in various forms (CD, DVD, thumb drive, cell phone). Ensuring the integrity of digital evidence admitted by the court may become increasingly difficult when such evidence may be subtly altered by the method of access. Although this type of evidence is not new to courts, the dramatic increase in video recordings from law enforcement body-worn cameras, surveillance cameras, and the public's prolific capturing of videos on cell phones strongly suggests courts reevaluate their approach to handling and preservation of digital evidence.

Updating the law and developing standards will improve access to justice as well as make courts more efficient. Developing technical standards and reengineering court business practices will increase the effectiveness of courts and reduce costs. It will also result in greater consistency and predictability across courts for litigants, lawyers, and the public.

Statutes and rules need to be reviewed and amended where necessary to authorize courts to: a) accept a broad range of digital evidence, and b) require digital exhibits to be offered in standard and secure formats. Policies and business practices need to be reviewed and technical standards developed for maintaining, providing access to, retaining, and destroying digital evidence

Major Tasks

- Review existing statutes and rules of court to identify impediments to the use of digital exhibits and opportunities for improved processes;
- Survey courts for existing business practices and policies regarding acceptance and retention of digital evidence;
- Survey other courts and justice system groups for possible technical standards and business practices regarding acceptance and storage of digital evidence;
- Propose revisions to statutes and rules;
- Develop standards and recommended business practices for courts to use in handling digital exhibits, possibly using pilot projects;
- Circulate draft statute and rule revisions, suggested business practices, and technical standards for comment;
- Finalize statute proposals, rule revisions, business practices, and technical standards;
- Seek legislation, as needed;
- Adopt and promulgate rule revisions; and
- Revise the *Trial Court Records Manual* to reflect revisions of statutes, rules, and recommended policies and business practices.

Dependencies

- Rule and statute changes should align with the strategy and roadmap of the existing electronic court initiatives.

Funding Requirements

One-Time

- Funds possibly needed for consulting assistance regarding possible technical standards;
- Funds may be needed to host a “digital evidence summit” to discuss options and potential solutions;
- Costs of modifying existing document or case management systems to accept, store, and provide access to digital exhibits.

Ongoing

- Digital evidence will require greater hardware storage capacity, possibly including associated storage and retrieval software;
- New policies and business practices will be implemented by court staff on an ongoing basis.

Potential Funding Sources

One-Time

- Grant from State Justice Institute or another federal agency interested in developing standards for digital evidence—in particular, law enforcement body-worn cameras;
- Budget change proposal funding could also be sought, as this is a statewide solution.

Ongoing

- Existing court funding for staff participating in workstream;
- Funding for records retention associated with digital evidence. There could be savings, as storing exhibits electronically should be cheaper than the cost of the space needed to store physical exhibits.

Types of Courts Involved

All courts statewide—Supreme Court, Courts of Appeal, and superior courts—need a consistent, stable set of laws, rules, business practices, and technology standards to accept and exchange electronic exhibits.

Sample Timeline

Milestone	Time Frame
Initiative launch	Q1 2017
Gather information about existing laws, rules, business practices, and technical standards	Q1–2 2017
Draft revisions and circulate for comment	Q3–4 2017
Introduce legislation and seek passage	Q1–2 2018
Finalize rules, technical standards, business practices, and <i>Trial Court Records Manual</i> revisions to take effect January 1, 2018	Q3–4 2018

Technology Initiatives to Optimize Branch Resources

Expand the Branch IT Community through Increased Sharing of Resources, Training, and Collaboration

Description

This initiative is intended to identify opportunities for sharing technical resources, advancing technology leadership, and expanding collaboration throughout the judicial branch. During the tactical plan revision process, judges, CEOs, and CIOs identified that, although there are experienced technological staff branchwide, insufficient technology resources within individual courts continues to be a challenge. A skilled technologist who understands the business of the courts and court systems is a unique and treasured resource. Furthermore, the branch is competing with private industry for talent. A strategy should be developed to increase the sharing of technical resources throughout the branch by conducting a needs assessment and determining additional opportunities for how best to share these unique resources.

In addition to skilled technologists, strong information technology (IT) leaders with access to industry resources are required to achieve the branch strategic technology goals. Opportunities for education and access to industry resources for IT leaders can provide exposure to information and networks while expanding capabilities and increasing IT leadership skills. Court IT leaders will be better suited to meet the leadership and technological needs of the courts with continued professional development. A survey can be conducted to determine the needs and interests of the court and Judicial Council IT leaders. A strategy would then be developed to determine how best to pursue relevant opportunities (e.g., statewide membership in the Court IT Officers Consortium (CITOC), an annual IT summit aligned with the branchwide tactical plan, continuing education opportunities, industry research, and advisory group memberships).

Aside from the need for skilled IT resources, the branch has adopted an IT governance model that relies on collaboration. Technology initiatives managed by statewide workstreams, the Court Information Technology Management Forum (CITMF), and court-to-court collaborations have proven successful in recent years across the branch and between courts. In order to further support this collaborative model, the branch should adopt tools to work together more effectively, encourage innovation, and increase technological maturity throughout the branch. Resources and talent can be better leveraged across the branch by utilizing a statewide collaboration platform. Branch CEOs and CIOs can also help assess individual court IT capabilities through an IT peer consulting program to include informal audits, visitation programs, and the like.

Major Tasks

Resource Sharing

- Conduct an IT resource needs survey.
- Identify opportunities and priorities.
- Brainstorm strategies and costs (e.g., develop centers of excellence, shared services, and centralized resources, and augment staff with vendor support).
- Make recommendations for leveraging branch technical resources.

IT Leadership Development

- Expand CIO Executive Board membership.
- Establish branchwide CITOC membership.
- Evaluate branchwide Gartner Group membership.
- Hold an annual IT summit aligned with the branchwide tactical plan.
- Conduct an IT leadership needs survey to identify additional priorities.
- Brainstorm strategies and costs.

Increased Collaboration to Support Innovation

- Identify collaboration tools currently used within the branch.
- Identify priority collaboration needs (e.g., a central repository of IT policies, applications, and best practices).
- Increase the use of Microsoft Office 365 messaging and web conference capabilities.
- Determine CEO/CIO interest in an IT peer consulting program.
- Develop program based on interest.
- Determine costs.

Dependencies

- Branchwide support and open collaboration.
- Program management support for conducting surveys and consolidating results.
- Funding for recommended strategies.
- Common platforms and development tools.
- Sponsorship of IT leadership development and participation.

Funding Requirements***One-Time***

- Judicial Council program support to conduct the needs assessment.
- Establishment of a branch collaboration platform
- Travel for face-to-face collaboration and participation in initiative development.

Ongoing

- Judicial Council program support as required.
- Annual memberships—CITOC, CIO Executive Board, Gartner Group.
- IT summit development and coordination.
- Travel for face-to-face collaboration and participation in events (e.g., IT summit, IT peer consulting program, etc.).
- Maintenance and licensing of branch collaboration platform.

Potential Funding Sources

- Cost agreements for shared resources.
- BCP for necessary funding.

Types of Courts Involved

- All small, medium, and large courts statewide
- Trial and appellate courts
- Consortiums (e.g., case management specific, statewide initiatives, etc.)

Sample Timeline

Milestone	Time Frame
Initiative launch	Q1 2017
Draft initial assessment	Q4 2017
Final assessment report	Q3 2018

Technology Initiatives to Optimize Infrastructure

Review Funding and Procurement Models for LAN/WAN Initiative

Description

The current funding source for the LAN/WAN initiative, the State Trial Court Improvement and Modernization Fund (IMF), is operating at a structural deficit. In addition, the primary procurement vehicle, the CALNET 2 leveraged purchasing agreement, expires in 2018 with no clear follow-on option for the purchase of hardware and related maintenance and support coverage.

Major Tasks

- Working with Judicial Council Procurement staff, Department of General Services, the California Office of Technology Services’s Statewide Telecommunications and Network Division (STND), and technology vendors as appropriate, identify alternative procurement models, including the CALNET 3 replacement for the CALNET 2 leveraged purchasing agreement.
- Review options, identify gaps, and select finalized procurement model.
- Identify current cost projections of all goods and services over one full lifecycle of the hardware supported by the program, to include the completion of an updated branchwide inventory.
- Compare cost projections with current funding projections for the IMF.
- Identify and submit potential funding remediation options for review and selection.
- Formally prepare and submit selected funding remediation option(s) for ratification.

Dependencies

- Current court LAN/WAN hardware inventories are required.
- Staff at the identified courts must be able to dedicate the resources necessary to support the project.

Funding Requirements

One-Time

- N/A

Ongoing

- Continuing costs for the ongoing refresh of program hardware.
- Continuing costs for the ongoing renewal of program services and maintenance and support coverage.

Potential Funding Sources

Funding to rectify the current IMF structural deficit would potentially be provided through the BCP process and, given the ongoing, steady-state status of this program, shifting funding to the General Fund.

Types of Courts Involved

This initiative is focused on all courts.

Sample Timeline

Milestone	Time Frame
Initiative launch ⁶	Q1 2017
Map out procurement options	Q2 2017
Map out funding options	Q2 2017
Establish new procurement model	Q3 2017
Prepare and submit funding requests	Q4 2017

⁶ This initiative began in Q1 2014.

Transition to Next-Generation Branchwide Hosting Model

Description

The current California Courts Technology Center (CCTC) hosting model for information technology applications and services was developed largely based on the strategy of central hosting of court case management systems and other shared applications. The branchwide strategy for the hosting of court case management systems has changed; therefore, the branch should reevaluate branch and court hosting models to ensure resources and opportunities are being utilized as effectively as possible to address the needs of courts in alignment with the new strategic direction.

As hosting models and technology evolve, the most cost-effective branchwide strategy for application and services hosting may be enabled through a combination of selective consolidation, virtualization, and implementation of secure private and public cloud environments. The goal of this tactical initiative will be to determine an updated model for branchwide hosting, including all judicial branch entities.

Major Tasks

- Complete needs assessment including branch recommended service levels, develop implementation recommendations, and determine the necessary funding changes.
- Develop toolset for courts to utilize when determining needs and funding requirements.
- Publish findings, including a hosting implementation toolset and branch-suggested service levels.
- Finalize product, service, and maintenance contract procurement with vendor partners.
- Assist judicial branch entities with decommissioning old services and implementing new services in alignment with the needs assessment and transition plan.

Dependencies

- The needs assessment should align with the strategy and roadmap for the Digital Court initiatives.

Funding Requirements

One-Time

- Initial year one purchase of products, services, and maintenance contracts as identified in the needs assessment and project plan.

Ongoing

- Continuing monthly costs for specified ongoing services and maintenance contracts initiated in year one.

Potential Funding Sources

- Branch funding for hosting services that are shared across the branch.
- Direct billing to the courts for court-specific services.

Types of Courts Involved

All courts—Supreme Court, Courts of Appeal, and superior courts. All courts and the Judicial Council will benefit from an updated branchwide hosting model tightly aligned with current and anticipated future business requirements.

Sample Timeline

Milestone	Time Frame
Initiative launch	Q4 2015
Complete needs assessment and develop implementation recommendations	Q4 2016
—Develop toolset for courts to utilize when determining needs and funding requirements	Q4 2016
—Publish findings including, hosting implementation toolset, branch suggested service levels	Q4 2016
Determine the necessary branchwide funding changes	Q1–Q2 2017
Finalize recommended product, service, and maintenance offerings with vendor partners; publish RFP for vendor services	Q1–Q2 2017
Publish new master service agreements to be utilized by all judicial branch entities for all hosting services	Q3 2017

Court Disaster Recovery Framework and Pilot

Description

While a robust and annually tested disaster recovery program has been instituted for the California Courts Technology Center, this is not the case for the Supreme Court, the appellate courts, the trial courts, and the Judicial Council, which have varying degrees of preparedness for disaster recovery of their technology resources.

This initiative would result in a framework and recommended solutions to assist judicial branch entities with a process for implementing a disaster recovery program that meets each individual organization's specific needs while leveraging resources and knowledge for the benefit of the entire branch.

The goals of the framework are:

- To suggest an overall disaster recovery model for the judicial branch to leverage in building individual organization disaster recovery plans and to identify which components, if any, would apply branchwide.
- To collaboratively develop model disaster recovery requirements, service-level agreements, and restoration/recovery priorities for each of the major technology systems within the branch (excluding those hosted at the CCTC), such as networks, infrastructure, applications, security systems, data, and the like.
- To work with one or more model courts to test or “pilot” the framework by using it to develop a court-specific disaster recovery plan.
- To provide guidance to all courts and the Judicial Council on the use of the framework and practical implementation guidelines.
- To develop a plan for implementing technology components (products and/or services) that could be leveraged by all courts for disaster recovery purposes.

Major Tasks

- Model disaster recovery requirements, standard recovery times, and priorities for each of the major technology components of the branch.
- Develop a disaster recovery framework document that could be adapted for any trial or appellate court to serve as a court's disaster recovery plan.
- Create a plan for providing technology components that could be leveraged by all courts for disaster recovery purposes.

Dependencies

- Access to resources necessary to research and gather requirements and create the deliverables.
- Many of those resources would need to be court business and technical experts, while others would be disaster recovery planning experts.

Funding Requirements

One-Time

- Funding for one or more pilot courts to test/pilot the model disaster recovery plan. Travel budget for a small number of face-to-face planning meetings to supplement regular phone conferences.

- Funding to assist the courts with adapting the framework into their local needs. The amount will depend on the number of participating courts in the initial pilot.
- Funding for the implementation of any branchwide recommendations with respect to transitioning away from existing antiquated backup/disaster recovery technologies and/or adopting certain modern technologies necessary to support each court’s mission of providing consistent and reliable IT services.

Ongoing

- Minimal ongoing funds would be necessary to maintain the framework to ensure its ongoing relevance and effectiveness and to ensure alignment with current technologies and systems deployed within the judicial branch, in addition to ensuring the recommendations continue to be centered around industry standards and best practices
- Additional funding requests would be developed out of this process for the purpose of procuring and implementing the technical components that can be leveraged by multiple courts and determining what else may be needed at the individual court level for unique court needs.

Types of Courts Involved

All courts—Supreme Court, Courts of Appeal, and superior courts. The framework should be applicable to all judicial branch entities.

Sample Timeline

Milestone	Time Frame
Initiative launch	Q2 2016
Select disaster recovery (DR) court subject matter expert (SME)	Q2 2016
Identify workstream participants and relevant SMEs throughout the judicial branch, ensuring small/large superior and appellate courts and the Judicial Council are represented	Q2 2016
Develop requirements and recovery standards and overall DR framework	Q2 2016–Q1 2017
Develop a funding request for a DR pilot program at one or more courts	Q1–Q2 2017
Test with pilot court(s)	Q3–Q4 2017
Develop funding request for DR at branch and court levels (inclusive of all judicial branch entities to support their DR implementation)	Q2–Q3 2017

Technology Initiatives to Promote Rule and Legislative Changes

Identify New Policy, Rule, and Legislative Changes

Description

To align policies, rules of court, and legislation supporting the use of technology in the courts consistent with the Strategic Plan for Technology.

Major Tasks

- Identify the highest-priority statutes and rules that require review and changes in order to facilitate the move to the digital court.
- Continue modernization of statutes, rules, and procedures to facilitate use of technology in court operations and delivery of court services.
- Develop rules, standards, and guidelines for electronic signatures on documents submitted to the trial courts, for justice partner data exchanges, for online access to court records for parties and justice partners, for court records maintained as data, and for other areas where new technologies affect court operations and access to the courts.
- Develop branch and model court privacy policies on electronic access to court records and other court-held information.
- Revise the *Trial Court Records Manual* to reflect changes in the law, new standards and guidelines, and best practices relating to court records.

Dependencies

Action by:

- Judicial Council internal committees;
- Judicial Council advisory committees;
- Judicial Council Legal Services Office;
- Judicial Council Office of Governmental Affairs; and
- External stakeholders (e.g., Legislature, law enforcement, etc.).

Funding Requirements

One-Time

- None required. This initiative requires staff support for Judicial Council internal and advisory committees for initial assessments and proposals.
- Time required for judicial officer and staff training on changes.

Ongoing

- None required. This initiative requires time for routine reviews of policies, rules, and legislation needs.

Potential Funding Sources

None required.

Types of Courts Involved

All courts—Supreme Court, Courts of Appeal, and superior courts.

Sample Timeline

Milestone	Time Frame
Develop standards and guidelines for electronic signatures on documents submitted to the trial courts	Q4 2017
Complete Phase II of the rules and legislative modernization process	Q4 2017
Update the <i>Trial Court Records Manual</i> and recommend revisions and additions	Q4 2017

Initiative Timeline Summary

Strategic Goal	Initiative	2016				2017				2018			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Promote the Digital Court	CMS Migration & Deployment												
	DMS Expansion												
	Courthouse Video												
	CCPOR												
	SRL e-Services												
	EFSP Selection/ Certification												
	E-Filing Deployment												
	Identify Innovative Services												
	CMS Data Exchange— Governance & Maint.												
	Digital Evidence												
Optimize Resources	IT Community & Collaboration												
Optimize Infrastructure	Extend LAN/WAN Initiative												
	Next-Generation Hosting Plan												
	Information Security Framework												
	Disaster Recovery Framework												
Legislative Changes	Identify New Rules & Legislation												

CONCLUSION

The California judicial branch is as complex and diverse as the population that it serves. The judicial branch has diversity in geography, court size, and case types. Courts have varying fiscal health and capabilities, and budget cuts have drastically affected their ability to invest in technology. This reduced funding results in a critical need to take full advantage of the remaining scarce technical resources and expertise within the branch.

At the same time, there is a high demand for access to justice. The public and attorneys want to interact with the court as they do with other businesses—online and anytime. There is demand for integrated justice and a need to adapt to constant change in the environment. However, rules and legislation were historically written to address a paper-based court rather than a digital, electronic one.

This Tactical Plan for Technology (2017–2018) and the associated Strategic Plan for Technology represent a comprehensive and cohesive technology strategy that includes clear, measurable goals and objectives at the branch level that address the diversity and challenges the branch is facing.

The proposed tactical plan recognizes the need for judicial, management, and technical experts located at the trial, appellate, and Supreme Court levels, and including Judicial Council staff, to work together as an IT community. The result will be a judicial branch where the courts act as innovation centers for the benefit of the legal community and the public, increasing access to the courts.

APPENDIX A: Judicial Branch Business Drivers

- Provide foundational technology
- Support a culture of innovation and collaboration
- Optimize the use of experienced staff branchwide
- Serve and learn from California’s tech-savvy population
- Refine and enhance the case management system ecosystem
- Reengineer processes to increase effectiveness for the branch or public
- Leverage innovation within the branch
- Address the lack of predictable funding
- Address insufficient resources
- Solidify technology management processes
- Promote branchwide sharing
- Attract private industry talent
- Support internal change management to increase technology use
- Improve technology security
- Assist the strategic planning process

APPENDIX B: Tactical Plan for Technology Progress Report (October 2016)

Executive Summary

The California Judicial Branch *Tactical Plan for Technology* outlines a set of initiatives for the branch, and specifically the Information Technology Advisory Committee (ITAC), to undertake. Each initiative spans up to two years. The *Governance and Funding Model* explains there are several methods in which initiatives may be implemented: branchwide (using a workstream team, traditional subcommittee, or hybrid of these), through court consortium, and/or locally. This document presents the progress report of the initiatives in the current [Tactical Plan for Technology \(2014-2016\)](#). Summarily, the report shows:

- The current plan consists of 17 tactical initiatives aligning to 4 branch strategic goals.
- Of all 17 tactical initiatives: 1 project is complete; 1 is near completion; 12 are projected to continue into 2017; and 3 have not yet begun and have been deferred for consideration in the next Tactical Plan.
- ITAC is using workstreams to complete 7 initiatives.

Progress Report Summary

The following chart overviews initiative status and, if appropriate, implementation method.

Legend

Not Started = Project effort, as defined, has not begun.

Near Complete (2016) = Effort is underway and expected to be complete in calendar year 2016.

Ongoing (2017+) = Effort is underway and needs to continue into calendar year 2017.

Complete = Project effort, as defined, is complete; there may be subsequent activities initiated.

	STATUS	METHOD(S)
Goal 1: Promote the Digital Court (Part I: Foundation, Part II: Access, Services, Partnerships)		
(a) Case Management System (CMS) Assessment and Prioritization	Ongoing (2017+)	Consortium
(b) Document Management System (DMS) Expansion	Ongoing (2017+)	
(c) Courthouse Video Connectivity	Ongoing (2017+)	Workstream
(d) California Courts Protective Order Registry (CCPOR)	Ongoing (2017+)	JCIT ⁷ Managed
(e) Implement a Portal for Self-Represented Litigants	Ongoing (2017+)	Workstream
(f) Jury Management Technology Enhancements (Trial Courts)	Not Started	
(g) E-Filing Service Provider (EFSP) Selection/Certification	Ongoing (2017+)	Workstream

⁷ JC IT = Judicial Council Information Technology

Legend

Not Started = Project effort, as defined, has not begun.

Near Complete (2016) = Effort is underway and expected to be complete in calendar year 2016.

Ongoing (2017+) = Effort is underway and needs to continue into calendar year 2017.

Complete = Project effort, as defined, is complete; there may be subsequent activities initiated.

	STATUS	METHOD(S)
(h) E-Filing Deployment (roadmap and strategy)	Ongoing (2017+)	Workstream
(i) Identify and Encourage Projects That Provide Innovative Services	Not Started	
(j) Establish an “Open Source” Application-Sharing Community	Not Started	
(k) Develop Standard CMS Interfaces and Data Exchanges	Near Complete (2016)	Workstream
Goal 2: Optimize Branch Resources		
(a) Establish Hardware and Software Master Branch Purchasing/Licensing Agreements	Not Started	
Goal 3: Optimize Infrastructure		
(a) Extend LAN/WAN Initiative to Remaining Courts	Ongoing (2017+)	JCIT Managed
(b) Transition to Next-Generation Branchwide Hosting Model	Ongoing (2017+)	Workstream
(c) Security Policy Framework for Court Information Systems	Complete	Workstream
(d) Court Disaster Recovery Framework and Pilot	Ongoing (2017+)	Workstream
Goal 4: Promote Rule and Legislative Changes		
(a) Identify New Policy, Rule, and Legislation Changes	Ongoing (2017+)	Subcommittee