



# FISCAL YEARS 2017-2019



# APACHE COUNTY ARIZONA JUDICIAL BRANCH INFORMATION TECHNOLOGY STRATEGIC PLAN

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# APACHE COUNTY COURTS

## INFORMATION TECHNOLOGY STRATEGIC PLAN FOR FISCAL YEARS 2017-2019

### INTRODUCTION

This is a three year information technology strategic plan for the courts in Apache County covering the period from January 2015 through June 2019. It was created as an update to the FY15-FY17 plan submitted in March 2014.

The courts in Apache are composed of the following:

<b>Superior Court in Apache County</b>
<b>Chinle Justice Court</b>
<b>Puerco Justice Court</b>
<b>Round Valley Justice Court</b>
<b>Saint Johns Justice Court</b>
<b>Eagar Magistrate Court</b>
<b>Saint Johns Magistrate Court</b>
<b>Springerville Magistrate Court</b>

The Superior Court in Apache County provides administrative direction to the courts. Each court also works closely with its local funding agency, which is county government for superior and justice courts and city government for municipal or magistrate courts.

The automation for the county's courts is primarily centralized with the Administrative Office of the Courts (AOC). The courts participate in providing direction for the strategic automation projects through a variety of user and other statewide policy groups. These include:

- The Commission on Technology and its subcommittees:
  - Court Automation Coordinating Committee,
  - Probation Automation Coordination Committee, and
  - The Technical Advisory Council.
- The General Jurisdiction (GJ) Case Management System (CMS) Users' Group,
- The Juvenile On-Line Tracking System (JOLTS) Users' Group and the Adult Probation Enterprise Tracking System (APETS) Statewide Users' Group.

Courts are also represented on the Clerks of the Court Association, General Jurisdiction Case Management System Committee, Arizona Judicial Council, Committee on Superior Court, Committee on Limited Jurisdiction Courts, Superior Court Administrators Association, Limited Jurisdiction Court Administrators Association, PAM Users, as well as Code Standardization and Caseload Managers Groups.

## A. PLANNING METHOD AND PARTICIPANTS

This section outlines the participants, processes and events that contributed to formulating the Information Technology Plan for Apache County Courts.

Representatives from various Apache County Courts and Departments contributed information to this plan. Participants included:

<b>Hon. Michael Latham</b>	Presiding Judge, Superior Court in Apache County
<b>Sueanne Czarnyszka</b>	Court Administrator, Superior Court in Apache County
<b>Annell Hounshell</b>	Clerk of Superior Court in Apache County
<b>Delana Waite</b>	Chief Deputy Clerk of Court in Apache County
<b>Teri Softley</b>	IT Specialist, Clerk of the Court's Office
<b>Ada Guinn</b>	Administrative Coordinator, Probation Services
<b>Hon. Victor Clyde</b>	Judge, Chinle Justice Court
<b>Hon. Butch Gunnels</b>	Judge, St. Johns Justice Court & St. Johns Magistrate Court
<b>Hon. Marsha Gregory</b>	Judge, Round Valley Justice Court & Springerville Magistrate Court
<b>Hon. Jay Yellowhorse</b>	Judge, Puerco Justice Court
<b>Hon. Roberta Reed</b>	Judge, Eagar Magistrate Court
<b>Ben Dugdale</b>	Director of Information Technology

## B. JUDICIARY STRATEGIC AGENDA: STATE AND LOCAL

### B.1. JUDICIAL BRANCH STATEWIDE AGENDA

The courts support **ADVANCING JUSTICE TOGETHER: COURTS & COMMUNITIES 2014-2019** and its vision to increase the public's trust in the court system, to inspire confidence that individual rights are being protected, and to ensure that all citizens are being treated fairly. This strategic agenda was released in July 2014 at the direction of the judiciary's new chief justice. It remains consistent with the previous **JUSTICE 20/20** vision and encompasses five broad goals, each associated with several key strategic business needs. The goals are:

1. Promoting Access to Justice;
2. Protecting Children, Families, and Communities;
3. Improving Court Processes to Better Serve the Public;
4. Enhancing Professionalism within Arizona's Courts; and
5. Improving Communications and Community Participation.

### B.2. LOCAL COURT AND AGENCY STRATEGIC AGENDAS, INITIATIVES, AND BUSINESS PRESSURES WITH RESPONDING LOCAL COURT AND AGENCY TECHNOLOGY INITIATIVES

The county's courts and their associated local funding agencies have identified additional strategic business goals, initiatives, and pressures. Applicable information technology initiatives or projects have been aligned with them as follow:

COURT LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
	<b><u>STRENGTHEN THE ADMINISTRATION OF JUSTICE &amp; IMPROVE PUBLIC ACCESS</u></b>	
<b>All Courts in Apache County</b>	Ensure access for all non-English speaking court users and expand interpreter resources.	Work with other agencies to establish a means of providing language interpreter services via video-conferencing and/or other means.
<b>All Courts in Apache County</b>	Increase electronic communication with justice partners and other agencies.	Work with justice partners to identify and expand opportunities for electronic data transfer.
<b>Superior Court</b>	Provide more user-friendly public access at computer in Law Library.	Format desktop design to provide for easier use by court patrons.

COURT LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
Superior Court	Extend VPN access to appropriate personnel.	Purchase laptop(s) and work with State to establish VPN access.
Superior Court	Establish agreement with Maricopa County to utilize video court reporter services.	Work with County IT staff to ensure bandwidth availability.
Superior Court Clerk of the Court	Establish schedule and procedure to regularly measure court user satisfaction.	Electronically measure results and use to improve court services.
Superior Court Clerk of the Court	Evaluate need for additional division.	Not an IT initiative
Clerk of the Court	Expand internet access to court records.	Continue to back scan case files to OnBase.
Clerk of the Court	Establish satellite office in Round Valley, a major population center within the County.	Work with County and AOC IT staff to secure connectivity to support staff.
Clerk of the Court	Continue data clean-up to ensure quality of AJACS data and resulting statistical reports.	Work with AOC to streamline data clean-up.
Chinle Justice Court Puerco Justice Court Round Valley Justice Court Eagar Magistrate Court Springerville Magistrate Court St. Johns Justice Court St. Johns Magistrate Court	Continue LJ Court data clean-up in preparation for AJACS roll-out.	Work with AOC to streamline data clean-up, where possible.
	<b><u>MAINTAIN A PROFESSIONAL WORKFORCE AND IMPROVE OPERATIONAL EFFICIENCIES</u></b>	
All Courts in Apache County	Establish judicial branch mission, vision, values and goals statements.	Not an IT initiative
Superior Court	Training Room Connectivity Upgrade	Expand network connections in Training Room to improve training environment

<b>COURT LOCAL AGENCY NAME</b>	<b>STRATEGIC AGENDA</b>	<b>RELATED IT INITIATIVE(S)</b>
<b>All Courts in Apache County</b>	Meet growing work product demands with reduced staff and reduced funding.	Identify alternate funding sources, additional automation processes and possible workflow and business process changes.
<b>All Courts in Apache County</b>	Evaluate and update Apache County Courts Employment Policy and Procedures.	No IT initiative.
<b>All Courts in Apache County</b>	Continue to update Continuation of Operation Plan, as needed.	Ensure that the necessary technical resources are available to maintain critical operations.
<b>Superior Court</b>	Complete limited and general jurisdiction court salary study.	No IT initiative.
<b>Superior Court</b>	Make greater use of employee newsletter as forum to disseminate educational information.	No IT initiative.
<b>Superior Court</b>	Upgrade training room audio-visual resources; make greater use of webcast and web-based training.	Work with local IT staff to ensure the needed network connections are maintained and available.
<b>Superior Court Clerk of the Court</b>	Prepare work process manuals for all positions.	No IT initiative.
<b>Superior Court Clerk of the Court</b>	Improve court statistical reporting to aid in effective case management.	Participate in Caseflow Manager workgroup; Utilize AOC and other resources to train staff in SSRS report writing, both query and ad hoc; continue with data clean-up to ensure accuracy of reports.
<b>Clerk of the Court</b>	Use an electronic workflow within the Clerk of the Court's Office to efficiently distribute documents electronically.	Identify, purchase and implement electronic workflow software that is compatible with current systems.
<b>Clerk of the Court</b>	Improve and expand the availability of court records to the public, court officers, and court partners.	E-filing; AZ Turbo Court; Expansion of C2C to include exhibits.
<b>Clerk of Court</b>	Increase collections.	Implement internet payment options; Work with AOC to expand participation in FARE and TIPS for non-criminal case types.

COURT LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
Chinle Justice Court Puerco Justice Court Round Valley Justice Court Eagar Magistrate Court Springerville Magistrate Court St. Johns Justice Court St. Johns Magistrate Court	Prepare for implementation of electronic transmission of Disposition sheets.	Ensure that staff is trained and certified to participate in ADRS.
Chinle Justice Court Puerco Justice Court Round Valley Justice Court Eagar Magistrate Court Springerville Magistrate Court	Improve case file management and document storage needs.	Expand electronic document management system (EDMS) to limited jurisdiction courts not already participating.
Chinle Justice Court Puerco Justice Court Round Valley Justice Court Eagar Magistrate Court Springerville Magistrate Ct.	Evaluate need for video-conferencing equipment for limited jurisdiction courts.	Work with County IT staff to ensure bandwidth availability.
Clerk of the Court	Review stored exhibits and evaluate for return/destruction	No IT initiative
Clerk of the Court	Purge electronic records according to retention	Work with staff and vendor to create and implement a procedure to purge electronic records according to retention
Clerk of the Court	Replace outdated equipment	Replace County scan station and update Operating System to an acceptable standard.
	<b><u>IMPROVE COMMUNICATIONS</u></b>	
All Courts in Apache County	Utilize social networking strategies.	Evaluate use of FaceTime & Skype for court appearances; Use of text messaging to remind of court dates.
Superior Court	Work in conjunction with all area High Schools to develop and implement law related education/mock trials into the classroom curriculum	Work with IT to support video classroom participation.
	<b><u>PROTECTING CHILDREN, FAMILIES &amp; COMMUNITIES</u></b>	

COURT LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
Superior Court Probation Services	Support and expand local therapeutic court programs.	Develop Microsoft ACCESS database to aid in tracking program data.
Probation Services	Enhance the availability of probation services throughout the County.	Provide Probation staff with greater AJACS access due to continuing delays with APETS and JOLTSaz integration with AJACS.
Probation Services	Maintain/replace components of aging facilities.	Upgrade/replace technology products, as necessary.
Probation Services	Implement <i>WebWatcher</i> software protocol and procedures for sex offender probationers.	Work with justice partners to develop procedures and protocol.
<b><u>IMPROVE SECURITY</u></b>		
Chinle Justice Court Puerco Justice Court Round Valley Justice Court Eagar Magistrate Court Springerville Magistrate Ct	Secure funding for security enhancement in limited jurisdiction courts.	Work with County IT to test and activate currently placed monitoring systems and expand the technology to all court locations.
Superior Court	Upgrade/enhance current camera system to include audio.	Secure grant funding for purchase of server to support new, updated camera system throughout the courthouse.

## C. CURRENT TECHNOLOGY ENVIRONMENT

This section describes both the statewide and local hardware and software environment. Hardware includes mainframes, servers, desktops, and other peripherals. Software includes statewide applications, local software and desktop productivity tools.

### Hardware

The Arizona Judicial Department has a diverse mix of hardware used by the various projects and programs that have evolved and applications that have been acquired and/or developed over the last several years. The mix of hardware that the county courts accesses includes the newest architectures designed to support the complexity of these applications and the large geographical area served by the Judicial Branch.

The server environment, hosted at the Administrative Office of the Courts Data Center, includes IBM AS/400s for JOLTS and general administrative operations of the Administrative Office of the Courts. The ACAP courts and the appellate courts are operating on IBM AIX systems. Windows servers provide for Internet, Intranet, e-mail, Statewide Crystal Enterprise/SSRS ad-hoc reporting, and statewide remote on-line training as well as file and print sharing.

The desktop environment includes a variety of PCs. AOC/ITD, under COT's direction, refreshed all the State-owned external (ACAP and JOLTS) PCs (about 3500) in FY15. Because of the long hardware life expected for the new PCs and the ever-shortening support cycle by software manufacturers, the project also includes a change to a subscription model for the operating system and office productivity applications utilized by all PCs deployed in the courts' environment. This most recent refresh activity, placed the following models in service:

- Desktop: C8N26AV HP EliteDesk 800 G1 Small Form Factor: Intel Core i5-4570 Processor (3.20 GHz, 6MB Cache), Intel HD Graphics 4600, 8GB RAM, 500GB Hard Drive, Intel Gigabit Network Connection, Intel Core i5 vPro
- Laptop: D1F64AV HP EliteBook 850 G1 Notebook PC: Intel - i5-4300U (1.9 GHz w/ Turbo, 3MB Cache) Processor, Intel HD Graphics 4400, 8GB RAM, 500GB Hard Drive, Intel Gigabit Network Connection, Core i5 vPro, D8U08AV Integrated camera
- Printer: CE991A HP LaserJet - HP Laser Jet M602M

The hardware listed in Appendix A reflects equipment used to support the court management system software, the juvenile tracking software, other state-provided applications as well as additional local record keeping functions. Additional hardware beyond these desktop items is also listed.

## Software

Appendix A also identifies all the software used in the county's courts. It includes the state-provided applications such as AJACS, AZTEC, APETS, TIP, JOLTS, and any word processing, spreadsheet, report writing, and other database or other tracking applications.

D. INFORMATION TECHNOLOGY STRATEGIC PROJECTS

This section identifies each statewide and local strategic project in which the county's courts participate or will actively be pursuing in over the next three years. For those projects primarily supported at the state level, it will identify project status and describe the local courts' planned participation and note any related, independent future plans. For independent but complimentary local projects, additional details on resources and future plans are included.

This section also includes information for independent technology projects which are not primarily supported by state resources. Information on these projects includes showing alignment to both statewide and local technology strategic initiatives and enterprise architecture standards. Any technologies or products appearing in the "Retirement" column of the Enterprise Architecture standards table have a corresponding migration or replacement project identified.

The statewide strategic technology projects, and their priority as assigned by the Commission on Technology, are as follows:

- Deploy New eFiling Engine
- Deploy Judge Automation
- Launch eAccess
- Build Online Citation Payment
- JOLTSaz Deployment
- AJACS - AZTEC Replacement
- AJACS - GJ eFiling & Enhancements
- NICS Reporting
- FARE - Infrastructure Port
- Time Standards Reporting
- eWarrant Pilot
- Data Destruction
- Appellate CMS
- Disaster Recovery Move

### COURT IT ACCOMPLISHMENTS CY2014/2015

This section lists the accomplishments of the county's courts in information technology projects from January 2014 to January 2016.

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
Local	Assisted Listening Device	Installed an assisted listening device in the main courtroom for hearing impaired court users	Superior Court - Completed 2015
Local	Wi-Fi access to court users	Provide Wi-Fi access to court users in the limited jurisdiction courts	Limited Jurisdiction Courts - Completed 2015
State	Replace ACAP PCs with Windows 8.1	Update existing ACAP PCs in both limited and general jurisdiction courts	Superior Court & Limited Jurisdiction Courts - Completed December, 2014

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
State	Computer lifecycle replacement	Replace computers as funding permits	Probation – Completed December, 2014
Local	Upgrade all personnel cell phones to smart phones	Synchronize staff e-mail accounts to smart phones	Probation – Completed May, 2015
Local	Prepare replacement schedule for image storage including implementation, funding and installation date.	Virtualize two stagnant servers to save maintenance and upgrade costs.	Clerk of the Court – Completed December, 2015
Local	Server Replacement and Software Upgrade	Replace physical server and upgrade software.	Clerk of the Court – Completed December, 2015
Local	Clerk of the Court-Computer Equipment	Expand hard drive space for images. PDFs take up more space than TIFs, Also, digitizing exhibits will consume a large amount of space	Clerk of the Court – Completed December, 2015
Local	Enhance Probation Dept. AJACS access	Increase AJACS access for appropriate Probation Dept. personnel due to on-going delays in APETS and JOLTsAZ integration with AJACS.	Superior Court, Clerk of the Court & Probation – Completed December, 2015
Local	Upgrade Laptops	Replace outdated equipment.	Clerk of the Court – Completed July, 2015
Local	Improve information available to the public via court websites	Work with County IT staff to update websites to include calendars, forms, information, flowcharts, terminology, child support worksheets, etc.	Superior Court – Completed 2015

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
Local	Upgrade Recording Equipment	Replace out dated recording equipment for the courtrooms and portable recording station	Clerk of the Court – Completed November, 2014
Local	Upgrade Training Equipment	Replace out dated projector used for training	Clerk of the Court – Completed
Local	Clerk of the Court Web Site Redesign	Refresh and rebuild the Clerk of the Court public web site without frames and with improved format and additional information.	Clerk of the Court – Completed
Local	Desktop Scanning	Purchased desktop scanners, created and implemented procedures.	Clerk of the Court – Completed April, 2014

## COURT PROJECTS MASTER LISTING

This section collects all information technology project-related information for all the county's courts during the plan period. Projects listed include both those in support of statewide efforts as well as independent strategic technology projects that support the court's strategic initiatives independent from the statewide projects.

STATEWIDE PROJECT PARTICIPATION						
Strategic Project Name / Phase	Brief Project Description	Related Statewide Project	Participation Scheduling	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
<b>Centralized Documents-Limited Jurisdiction</b>	Electronic document management system that will support e-filing.	Access to Electronic Documents	Mid-Cycle adoptors	FY17	Underway	
<b>Limited Jurisdiction-ADRS</b>	Implement electronic transmission of Disposition reports in limited jurisdiction courts.	Access to Electronic Documents	Early adopter	FY18	Pending	
<b>Business Contingency Plan Rewrite</b>	Rewrite technology systems portion of continuity plan after new case management system is implemented.	Disaster Recovery	Early adoptors	FY18	On Hold	

## STATEWIDE PROJECT PARTICIPATION

Strategic Project Name / Phase	Brief Project Description	Related Statewide Project	Participation Scheduling	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
Judge/Bench Automation	Judge specific automation project that will help to improve workflow and reduce costs.	Judge/Bench Automation	Mid-Cycle adoptors	FY17	Planned	
Electronic Filing	Electronic filing is accepting electronic documents from litigants and storing and managing them in an electronic document management system which is interfaced to a case management system.	Electronic Filing	Mid-Cycle adoptors	FY17	Pending	
Electronic Communication from AJACS to Other Programs	Reduce paper by promoting electronic communication between AJACS and other State programs.	AJACS GJ Enhancements	Mid-Cycle adoptors	FY19	Underway	
Limited Jurisdiction CMS	Limited jurisdiction court case management system to replace AZTEC.	LJ CMS Dev/Pilot/Rollout	Among the last to implement	FY18	Pending	

## OTHER LOCAL INDEPENDENT PROJECTS

Strategic Project Name / Phase	Brief Project Description	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
NPRS/Accurint - Limited Jurisdiction	Increase automation by using NPRS/Accurint to obtain information on individuals for collections	FY17	Planned	
Virtual Server - Limited Jurisdiction	Enhance the data storage needs for court recordings.	FY19	Planned	
Superior Court - Upgrade/Enhance Camera System to Include Audio	Installing a server to upgrade/enhance the current camera system.	FY19	On Hold	
Therapeutic Court Database	Automate therapeutic court data-tracking.	FY17	Planned	
Grand Jury	Improve case flow management.	FY17	Underway	
Law Library Resource Improvement	Improve law library resources.	FY17	Underway	
VPN Access - Superior Court	Purchase new laptop and work with County and AOC to allow key personnel VPN access	FY18	Planned	
Remote Interpreter Services	Identify and evaluate vendor driven on-demand video interpreter services.	FY17	Planned	
Court User Satisfaction Survey	Develop & administer local court user satisfaction survey based on CourTools.	FY17	Planned	

<b>Training Room Connectivity Upgrade</b>	Expand network connections in Training Room to improve training environment.	FY17	Planned	
<b>Implement WebWatcher Software - Probation</b>	Develop protocol and procedures for installation of WebWatcher software on computers and electronic devices of sex offenders convicted of specific offenses.	FY17	Underway	
<b>IT Support for Law-Related Education - Superior Court</b>	Work in conjunction with local high schools to implement law-related education to teens.	FY18	Planned	
<b>Limited Jurisdiction Court Security</b>	Complete purchase and installation of electronic monitoring systems for two limited jurisdiction court facilities.	FY17	Planned	
<b>Replace County-Owned Computer Equipment</b>	Replace County side Monitors.	FY17	Planned	
<b>Utilization of Social Network</b>	Research and evaluate use of social networking tools such as Skype & Face Time for court appearances; and use of text messaging for communicating with defendants.	FY17	Planned	
<b>Establish Satellite Offices in Round Valley</b>	Establish a Judge's office, Clerk's office, and Hearing Room in the Adult Probation building in Round Valley. These offices targeted to serve domestic and juvenile cases.	FY17	On Hold	

<b>Video Arraignments</b>	Utilize video-conferencing equipment to conduct arraignments.	FY17		
<b>Workflow and Distribution - Clerk of the Court</b>	Workflow and Distribution of electronic documents	FY19	Planned	
<b>EDMS - Back Scanning Superior Court Case Files</b>	Contract with a vendor to scan old case files. Integrate these images to existing EDMS system. Destroy paper files according to records retention rules.	FY19	On Hold	
<b>Digitize Personnel Records</b>	Utilize OnBase to maintain department personnel records.	FY19	Conceptual	
<b>Electronic Records Retention Purge</b>	Develop and implement a process to identify and purge electronic records according to records retention.	FY19	Conceptual	
<b>Replace Outdated Equipment</b>	Replace and update county scan station.	FY19	Conceptual	
<b>Digitize Exhibits for Transfer to Court of Appeals</b>	Develop and implement a process to scan exhibits into OnBase for electronic transmission to the Court of Appeals.	FY19	Conceptual	
<b>Data Clean-up</b>	Continue data clean-up to ensure quality of AJACS data and resulting statistical reports.	FY19	Conceptual	

<p><b>Improve Statistical Reporting</b></p>	<p>Participate in Caseflow Manager workgroup; utilize AOC and other resources to train staff in SSRS report writing, both query and ad hoc; continue with data clean-up to ensure accuracy of reports.</p>	<p>FY19</p>	<p>Conceptual</p>	
<p><b>Increase Collections</b></p>	<p>Implement internet payment options; Work with AOC to expand participation in FARE and TIPS for non-criminal case types.</p>	<p>FY19</p>	<p>Conceptual</p>	
<p><b>Maintain/Replace Components of Aging Facilities</b></p>	<p>Upgrade/replace technology products, as necessary.</p>	<p>FY19</p>	<p>Conceptual</p>	

**D.1. MAJOR STATEWIDE INITIATIVES AND PLANNING/IMPACT INFORMATION**

This section provides Commission on Technology with visibility into the demand for various statewide systems currently in development. Also listed below are initiatives that require long-range preparation and may have significant impacts on local infrastructures, resources, and training requirements. Courts should consider high-level impact perspectives that factor into their participation in statewide systems and initiatives.

STATEWIDE INITIATIVE LIMITED JURISDICTION CASE MANAGEMENT SYSTEM – CONVERSION AND IMPLEMENTATION	
<p><b>Description:</b>                      A limited jurisdiction court case management system to replace AZTEC is being developed by extending the GJ CMS (AJACS) code set to include certain functionality unique to Arizona’s justice and municipal courts. Significant, large volume, non-AOC-supported courts, led by Mesa, have collaborated with the AOC and the vendor through the provision of resources, funding, and business analysis to build upon the AZTEC-replacement application and develop a solution that meets the needs of all LJ courts, large or small, rural or metropolitan. Additional courts could be consolidated into this solution as their current case management systems age and become un-supportable.</p> <p>Program interfaces that permit integration with other automation systems, like electronic citations, the e-filing manager application, and central document management system are being included. Conversion of certain AZTEC case data and extensive training will be undertaken by the AOC to minimize disruption to local courts during the changeover. Business process and code standardization are also major components of the conversion and implementation effort.</p> <p>Anticipated rollout timeline: Statewide LJ AJACS implementation began in late summer 2015 and is anticipated to continue through the fall of 2019, on a schedule determined by the AOC.</p>	
<p><b>1. Timeframe in which needed:</b> (immediately, next 12 months, 1-2 years, 3-4 years)</p>	<p>1-2 years</p>
<p><b>2. General Importance or Impact to Your Court:</b></p> <p>The expectation of improved business processes and data integration is of great importance; however, data conversion will be a challenge due to limited local resources.</p>	

**STATEWIDE INITIATIVE  
JOLTSaz JUVENILE MANAGEMENT SYSTEM**

**Description:**

JOLTSaz, the new, fully functional, juvenile tracking system with features and enhancements beyond Legacy JOLTS, has over 500 screens and over 500 tables. It was first implemented in Pima County in June 2013 integrated with AGAVE, CAMMS, and the Clerk of Court’s Minute Entry system. A “statewide version” of JOLTSaz replaced it in January 2015. Yuma County was the pilot for data migration and implementation in the rural counties along with modification to the data extract feed. As each county transitions from Legacy JOLTS, the data extract is modified so that all juvenile data continues to flow to AOC’s Data Warehouse.

Phase II development is underway concurrent with the rural counties rollout. Juvenile Treatment (JTX) functionality is scheduled for implementation followed by Foster Care Review Board (FCRB) functionality. A real-time feed of juvenile data from iCIS in Maricopa County is being planned in order to create a truly statewide repository of Juvenile data once the JOLTSaz rollout completes.

CASAaz, used by CASA volunteers to track their cases, was piloted in Pinal in April 2015 followed by Pima and Yuma. Data is sourced from JOLTSaz and casaaz.gov email accounts, hosted by GoDaddy, are provided to all CASA volunteers. Phase II development is planned for 2016. CASAaz implementations will follow the same order as JOLTSaz, but lag it by one month.

Anticipated rollout timeline: Remaining rural counties month by month through October 2016

**1. Timeframe in which needed:** (immediately, next 12 months, 1-2 years, 3-4 years)

3-4 years

**2. General Importance or Impact to Your Court/Probation Department**

Improved business processes and greater data integration are extremely important due to ongoing staff reductions and limited local resources.

**STATEWIDE INITIATIVE  
CENTRALIZED ELECTRONIC DOCUMENTS  
(LIMITED JURISDICTION COURTS ONLY)**

**Description:**

Electronic case filing requires a more comprehensive business solution for managing digital documents from cradle to grave, since, by definition, no paper exists. As business becomes dependent on digital documents, they must be stored in a way that protects them, makes them reliably retrievable 24/7, associates them with the cases they relate to through integration with the case management system, enables appropriate public access as specified by Rule 123, and meets records retention requirements. While many limited jurisdiction courts have shown interest in imaging existing paper documents, very few can afford to implement and maintain the full-featured electronic document management system (EDMS) needed to adequately support e-filing.

At the same time, many courts are experiencing facilities issues caused by storing years of accumulated paper records. ACJA § 1-507 allows destruction of paper records for which equivalent electronic records exist, but stipulates that multiple redundant copies and various media must be employed before any paper records can be destroyed (short of reaching their required retention period). The same technical requirements must be met before courts accept e-filings because, by definition, no paper backup exists for these records. The AOC has constructed a shared document management environment for use by limited jurisdiction courts to support both document imaging and e-filing. Following the ACAP subscription model, each participating LJ court will receive a scanner and software licenses to access the central system, along with necessary training to ensure documents are successfully deposited in and retrieved from the system.

Anticipated rollout timeline: Starting Fall 2011 to requesting courts, but will now be provided in the LJ AJACS implementation. Scanners will be installed (where needed) and court personnel will be trained on new scanning processes and procedures for use with LJ AJACS.

**1. Timeframe in which needed:** (immediately, next 12 months, 1-2 years, 3-4 years)

Matches LJ AJACS adoption timeframe

**2. General Importance or Impact to Your Court:**

Anxious to have all LJ courts participate as we anticipate costs savings, relief from paper storage issues and greater opportunities for electronic document exchange.

**STATEWIDE INITIATIVE  
ELECTRONIC FILING AND STANDARDIZED FORMS**

**Description:**

Electronic Filing, better known as e-filing, comprises a set of software applications designed to communicate and interoperate with case management systems (CMSs), online payment providers, and multiple electronic filing service providers. From the public's perspective, it enables attorneys and self-represented litigants to assemble, pay for, and submit case data and documents to individual court case management systems online. From the court's perspective, it provides a means for clerks to review and accept electronically delivered submissions which can then be provided to judges electronically. Once a filing is accepted with virtually the touch of a button, CMS docketing processes post associated data and documents into official case records. Notifications indicating the status of the docketing process are returned to the submitting litigants letting them know their case information is filed and documents are now readily available for reference online. Then

Delivering case information online removes the need for data entry and document scanning, the norm for processing physical paper documents delivered over-the-counter. The goal of the project remains to enable electronic filing that supports all case types statewide. At present, four courts are participating in the statewide e-filing system.

As technologies evolve and more experience is gained, new concepts and approaches will be introduced to handle electronic filing more efficiently and effectively. Equally important is reducing the amount of paper that must be maintained by the court and with it the high cost of physical storage. The current focus is to expand the implementation of e-filing in rural Superior Court locations, beginning with Yavapai County.

Anticipated rollout timeline: July 2009 onward, by level of court and case type

**1. Timeframe in which needed:** (immediately, next 12 months, 1-2 years, 3-4 years)

Limited Jurisdiction: 1-2 years  
Superior Court: Immediately

**2. General Importance or Impact to Your Court:**

Local participation in the shared EDMS has begun and we are anxious for full implementation of AZTurboCourt. Due to high number of unrepresented litigants, any tools that aid court users in navigating the legal system are of great importance. In addition, there is an expectation that this project will help to reduce workload in courts that are already understaffed.

**STATEWIDE INITIATIVE  
GJ JUDGE/BENCH AUTOMATION**

**Description:**

Historically, court automation has largely been limited to back-office functions that assisted the clerk or court administrator. As the medium for the majority of documents and judicial resources shifts from paper to digital, out of necessity the way judges operate on the bench and in chambers will also change. The initial effort involved constructing a document review application for use with the AJACS case management system (CMS) that would provide a necessary component for automating the work of judges but not the totality of functions they require.

Preliminary user requirement sessions have been held to determine the information that judges need to have available in chambers and on the bench. A group of judges and a technical analyst are examining the workflow of bench operations to identify process improvement opportunities while ensuring that workload doesn't increase by switching to digital documents. Procurement of a solution has been completed. The product is a judicial decision support application, integrated with the target CMS automation, which allows judges in their day-to-day activities to efficiently work with digital documents.

Anticipated rollout timeline: Currently in pilot with Agave at Pima Superior Court. Expected pilot launch with AJACS at Yavapai Superior Court Winter 2015/16

**1. Timeframe in which needed:** (immediately, next 12 months, 1-2 years, 3-4 years)

Immediately

**2. General Importance or Impact to Your Court:**

There is an expectation that this project will help to improve productivity; however, buy-in from the Bench may be a challenge.

**STATEWIDE INITIATIVE  
LJ CASE WORKSHEET (AKA BENCH AUTOMATION)**

**Description:**

Historically, court automation was significantly structured to take place in the back-office with a judicial administrative assistant, clerk, court information staff, or judicial officer. Current technology advances provide us the opportunity to move away from paper and dive into the digital world. With all of the technology enhancements we introduce change and that change tends to have some impact on the court and court processes. The project being provided offers court staff and judicial officers the ability to use the court management system in the courtroom as well as in the back office. The worksheet provides quick access to the key components of court cases. This access includes ease of access to updating case information, checking financial information, the charges on the case, case status, and many other quick option features. The worksheet also provides collapsible sections to provide ease of visibility to detailed case information. The sections of the worksheet are secured so that the section cannot be expanded if the case information does not yet support the use of the desired section.

All requirements were gathered and development completed. The worksheet has gone through thorough testing for any defects and has gone through an additional judicial review for usability. The new case worksheet should assist in streamlining the court process and increase productivity to better serve the public.

Anticipated rollout timeline: Rollout of the case worksheet accompanies each Statewide LJ AJACS implementation going forward. Judges and court staff are being trained on the use of the case worksheet.

**2. Timeframe in which needed:** (immediately, next 12 months, 1-2 years, 3-4 years)

Matches LJ AJACS adoption timeframe

**2. General Importance or Impact to Your Court:**

As with the GJ court, there is an expectation that this project will help to improve productivity; however, buy-in from the Bench may be a challenge

## D.2. LOCAL INFORMATION TECHNOLOGY STRATEGIC RESOURCES

This section provides high-level information about the technology spending and resources by court for FY15.

LOCAL TECHNOLOGY RESOURCES				
Court	State Device Cost	Other Technical Cost	Number of:	
			Court FTE Technical Staff	City or County FTE Technical Support Staff
Superior Court & Clerk of Court	27,750	57,736	1	.2
Chinle Justice Court	3,000	0	0	0
Puerco Justice Court	5,250	0	0	0
Round Valley Justice Court	9,000	1,000	0	0
St. Johns Justice Court	3,000	0	0	0
Eagar Municipal Court	1,125	250	0	0
St. Johns Municipal Court	1,500	0	0	0
Springerville Municipal Court	1,125	250	0	0

## APPENDIX A. CURRENT ENVIRONMENT

### 1. HARDWARE ENVIRONMENT BY COURT

This section lists the **judicial branch-owned hardware** deployed in the courts, including mainframes, servers, desktops, and other peripherals.

Court	Number of PCs	PC Operating System	Number of Laptops	Laptop Operating System	Number of Network Printers
Apache County Superior Court	11	Windows 8.1	0	NA	1
Clerk of the Court	20	Windows 8.1	0	NA	1
Adult Probation	12	Windows 8.1	0	NA	0
Juvenile Probation	20	Windows 8.1	0	NA	4
Chinle Justice	3	Windows 8.1	0	NA	1
Puerco Justice	6	Windows 8.1	0	NA	1
Round Valley Justice, Springerville/ Eagar Magistrate	9	Windows 8.1	0	NA	3
St. Johns Justice	2	Windows 8.1	0	NA	1
St. Johns Magistrate	1	Windows 8.1	0	NA	1

## 2. HARDWARE FOR SPECIAL FUNCTIONS

Hardware listed in this table ARE NOT included in the counts above or below.  
This is Apache County owned hardware.

Court	Number of:				
	Public Access PCs	In Courtroom PCs	In Chambers PCs	Dedicated Imaging/ Scanning Workstations	Dedicated ACAP Training PCs
Clerk of the Court	0	3-Liberty Recording Systems	1-Portable Liberty Recording Systems	2	0
Superior Court	1	0	1	0	4
Adult Probation	0	0	0	0	0
Juvenile Probation	0	0	0	0	0
Chinle Justice Court	0	1-Liberty Recording System	0	0	0
Puerco Justice	0	1-Liberty Recording System	0	0	0
Round Valley Justice	0	1-Liberty Recording System	0	1	0
St. Johns Justice	0	0	1-Liberty Recording System	1	0

### 3. LOCAL SERVER HARDWARE AND FUNCTION

Local Server Information					
Court/Dept.	# Brand / Model	Operating System	Database	Managed by	Use/ Applications
Clerk of the Court	Dell Intel-Moving to Virtual	Windows Server 2012 R2 Standard	MS SQL	Apache County (RASALAS)	Production EDMS database server
Clerk of the Court	Dell Intel +PowerVault	Windows Server 2012 R2 Standard	Accesses SQL database on other Server	Apache County (SUBRA)	Production EDMS application Web server & images storage
Clerk of the Court	Moving to Virtual	Windows Server 2012 R2 Standard	MS SQL	Apache County (CHORT)	CrimWeb and CrimJuv Archives
Clerk of the Court	Virtual	Windows Server 2012 R2 Standard	MS SQL	Apache County (DENEbola)	OnBase Test Server
Clerk of the Court	Dell 1750	Windows Server 2012 R2 Standard	None	Apache County (ZOSMA)	AJACS Template Server
Juvenile Probation	APC Smartups 1000XL	AOC Server	JOLTS	Supreme Court JOLTS ITD	JOLTS

#### 4. NETWORK ENVIRONMENT

LOCAL AREA NETWORK & COUNTY HARDWARE						
Court	O/S	Number of PCs on Network	Number of Laptops on Network	Number of Printers on Network	Network Firewall Brand/Model	Other Security Provisions
Superior Court		1	1	1	Cisco ASA 5510	Barracuda Mail Filter, Sophos/Vipre Antivirus
Clerk of the Court		2		5 printers 1 copier (+10 local)		Barracuda Mail Filter, Sophos/Vipre Antivirus
Clerk of the Court		3				
Adult Probation		8	4	4	Cisco ASA 5510	Barracuda Mail Filter, Sophos/Vipre Antivirus
Juvenile Justice Center		9	3	1	Cisco ASA 5510	Barracuda Mail Filter, Sophos/Vipre Antivirus

## 5. SOFTWARE ENVIRONMENT

This section identifies all the software used in the county's courts. It includes the state-provided applications (such as AJACS, AZTEC, TIP, JOLTS, and APETS) and also any word processing, spreadsheet, report writing and other database or other tracking applications.

### Local Applications

Application Name	Developed/ Supported by	Courts Using	Vendor Pkg, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Adobe Acrobat Pro	Adobe	Clerk of the Court	Local PC		
Adobe Acrobat Reader	Adobe	All Apache County Courts	Local PC		
ADRS: Electronic data reporting of dispositions to MVD	AOC	Clerk of the Court	AJACS/ADRS		
AJACS application software for the Arizona Court Automation Project (ACAP)	AOC	Clerk of Court Superior Court Adult Probation	Local PC/AOC Server		
APETS (Adult Probation Enterprise Tracking System)	AOC	Adult Probation	Local PC/AOC Server		
ATLAS	Arizona Department of Economic Security	Clerk of the Court	Local PC/DES Server		
AZTEC application software for the Arizona Court Automation Project (ACAP)	AOC	All Justice and Magistrate Courts Clerk of the Court-Research	Local PC		
AZTEC Module: Calendaring	AOC	All Justice and Magistrate Courts	Local PC		
AZTEC Module: Financials	AOC	All Justice and Magistrate Courts Clerk of the Court -Research	Local PC		

### Local Applications

Application Name	Developed/ Supported by	Courts Using	Vendor Pkg, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
AZTEC Module: Forms Generation	AOC	All Justice and Magistrate Courts	Local PC		
Acserve UDP Backup	Vendor/Local staff	Superior Court Clerk of the Court	Local Server		
Capture Perfect	Canon	Clerk of the Court-Scan Stations	Local PC		
CASPER (Statistical Reports)	AOC	Round Valley Justice Court  St. Johns Justice Court	Local PC/AOC Server		
CENTRA	Centra	All Apache County Courts	Local PC Client & AOC Server		
CRYSTAL Reports 10.0/CRYSTAL Enterprise	Crystal/AOC	Select users in: Superior Court Clerk of the Court	AOC Server		
CourTools	AOC				
Data Warehouse	AOC	All Apache County Courts	AOC Server		
DCATS - CASA	AOC	Superior Court	Local PC/AOC Server		
Electronic Document Distribution System	Clerk of the Court	Clerk of Court	Standalone		
OnBase V15	DataBank/ Hyland Software/AOC/ Local staff	Clerk of the Court Superior Court County Attorney	Vendor Pkg.		

### Local Applications

Application Name	Developed/ Supported by	Courts Using	Vendor Pkg, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
FARE (Fines, Fees & Restitution Enforcement)	AOC & Vendor ACS	All Justice and Magistrate Courts  Clerk of the Court	Server		
Filetrack	Local	Clerk of the Court Superior Court	Local PC		
Informatik Image Driver	Informatik, Inc.	Clerk of the Court	Local PC		
INTEGRATION: Electronic data reporting of citations/dispositions to MVD	AOC	St. Johns Justice	Local PC AOC Server		
JOLTS (Juvenile On-Line Tracking System)	AOC	Clerk of the Court Superior Court Juvenile Probation & Juvenile Justice Center	AS/400 JOLTS  AOC Server Environment for JOLTSaz		
JOLTS Storage Area Network (SAN)	AOC	Juvenile Probation & Juvenile Justice Center	AOC Server		
Jury Plus Next Generation	JSI/Jury+	Clerk of the Court	Local PC/AOC Server		
LIBERTY Court Digital Recorder & Player	JCG Technologies	All Apache County Courts	Local PC/ Vendor Pkg.		
McAfee Virus Scan	McAfee	All Apache County Courts	Local PC/ Vendor Pkg.		
Microsoft OFFICE 2003-2010	Microsoft/Local Staff/AOC	All Apache County Courts & Probation Departments	Local PC		

### Local Applications

Application Name	Developed/ Supported by	Courts Using	Vendor Pkg, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Microsoft ACCESS 2003-2010	Microsoft/Local Staff	Select users in: Superior Court Clerk of the Court Justice Courts Probation Depts.	Local PC		
Microsoft EXCEL 2003-2010	Microsoft/Local Staff	Select users in: Superior Court Clerk of the Court Justice Courts Probation Depts.	Local PC		
Microsoft OUTLOOK 2003-2010	Microsoft/Local Staff	All Apache County Courts & Probation Departments	Local PC		
Microsoft POWERPOINT 2003- 2010	Microsoft/Local Staff	Select users in: Superior Court Clerk of the Court Probation Depts.	Local PC		
Microsoft PUBLISHER 2003- 2010	Microsoft/Local Staff	Select users in: Superior Court Clerk of the Court	Local PC		
Microsoft OneNote 2003-2010	Microsoft	Clerk of the Court	Local PC		
Microsoft SSRS	Microsoft/AOC	Select users in: Superior Court Clerk of the Court	Local PC		
Microsoft WORD 2003-2010	Microsoft/Local Staff	All Apache County Courts & Probation Departments	Local PC		
New World	County IT Staff	Superior Court Clerk of the Court St. Johns Justice	Vendor Pkg.		
OnBase Ver. 15.1	DataBank/ AOC/ Local Staff	St. Johns Justice	Vendor Pkg.		

### Local Applications

Application Name	Developed/ Supported by	Courts Using	Vendor Pkg, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Paper Stream Capture		Clerk of the Court	Standalone		
Public Access	AOC	All Apache County Courts	AOC Web Server		
QUICKEN Basic 2007	Intuit/Local Staff	Clerk of the Court Probation Services	Local PC/ Vendor Pkg.		
QUICKEN Financial Management System	Intuit / Local Staff	Clerk of the Court Adult Probation	Local PC/ Vendor Pkg.		
SQL 2012	Microsoft/Local Staff	Clerk of the Court	Local PC		
TIP (Tax Intercept Program)	AOC	All Apache County Courts except Puerco Justice	Local PC/AOC Server		
Vital Check	Lexis-Nexis/ Local Staff	All Justice and Magistrate Courts	Local PC/Website/ Vendor Pkg.		
Court WEBSITE(s)	Local Staff/County IT	All Apache County Courts, Clerk of Court Probation Depts.	Apache County Web Server		
Windows 2012 Server	Microsoft/Local Staff	Clerk of the Court	Local Server		
Windows 7	Microsoft/Local Staff	Select users in: Probation Depts.	Local PC		
Windows Vista	Microsoft/Local Staff/AOC	All Apache County Courts	Local PC		
Windows XP	Microsoft/Local Staff	One user Probation Dept.	Local PC		
Windows 10	Microsoft/Local Staff		Local PC		

### Local Applications

Application Name	Developed/ Supported by	Courts Using	Vendor Pkg, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Vidyo Desktop	Vidyo	All Apache County Courts	Local PC		
ONSSI/NetGuard	ONSSI/County	All Apache County Courts	Terminal Server		
Project Management / Tracking					
Timekeeping					
Human Resources					
Public Access					
Interactive Voice Response System					

## 6. COMPARISON OF ENVIRONMENT TO ARIZONA JUDICIAL BRANCH ENTERPRISE ARCHITECTURE

The table below prompts you to identify any current technologies and products classified in the retirement and containment categories of the architecture. Beginning with the FY08 plan, **COT requires that a project be defined for the removal/replacement or any item listed in the “retirement” category within plan period. Enter the project name and scheduled completion date in the rightmost column.** Items in the “containment” category can have no more widespread use without exception being granted by COT. The next stop on the lifecycle is retirement; therefore, further investment is unwise and serves to make removal/replacement only more difficult and expensive.

The complete, updated table appears on the COT website at <http://www.azcourts.gov/cot/EnterpriseArchitectureStandards.aspx>. Where there are unique, local undertakings that cannot be leveraged, a court is free to go beyond the standards set in the table. When sharable modules related to core applications are developed, the standards must be followed.

Architecture Layers	Retirement (targeted for de- investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)	Remediation Plan / Timeline (retirement only)
<b>Applications &amp; Tools</b>				
User Interface Delivery Method for Public Access	Netscape		Web and graphics based.	
User Interface Delivery Method for Business Applications	Character based	Silverlight	AZTEC	
Electronic Document Management	LaserFiche, Hyland OnBase <12.0.3			
Document Imaging	Kofax Card	Kofax Ascent Capture	OnBase	

<b>Architecture Layers</b>	<b>Retirement (targeted for de- investment)</b>	<b>Containment (limited to maintenance &amp; current commitments)</b>	<b>Current Court Technology or Product (fill in)</b>	<b>Remediation Plan / Timeline (retirement only)</b>
Report Writer for Ad Hoc Reporting	Crystal <10, MS SSRS 2000	Crystal 10, MS SSRS 2005	SSRS	
Report Writer for Business Application Reports	Crystal <10	Crystal 10, MS SSRS 2005	SSRS	
Development Languages	COBOL, JAM, RPG, MUMPS,	Java (on a business case need basis), ASP (Classic), .NET Framework ≤V2.X	VB .ASP .NET	
Development Environment	Panther, Visual Studio ≤2003, Visual Studio 6, Visual Interdev	Visual Studio 2008, PowerBuilder, MS-Access	MS Access (VB)	Convert to SQL by end of FY19
Source Control	Aldon			
Analysis Tools	HOW		N/A	
<b>Office Productivity Tools</b>				
Word Processing	Word Perfect, Word <2003	Word 2007	MS Word 2010 or later	
Spreadsheet	Excel <2003 Quattro Pro	Excel 2007	MS Excel 2010 or later	
Presentation	PowerPoint ≤2003, CorelDraw	PowerPoint 2007	PowerPoint 2010 or later	

Architecture Layers	Retirement (targeted for de- investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)	Remediation Plan / Timeline (retirement only)
Local Standalone Database	MS Access ≤2003	MS-Access 2007	MS-Access 2013	Plan to convert to SQL by FY 2019
E-mail Client Product	Outlook <2003, Lotus Notes, GroupWise (unsupported)	Outlook 2007, Lotus Notes, GroupWise (supported)	Outlook 2010 or later	
Instant Messaging		MS-Live Communication Server	Skype for Business	
<b>Data Architecture</b>				
DBMS	SQL Server ≤2005, FoxPro, Clipper	SQL Server 2008	AZTEC is Informix MS Access – multiple apps	Convert ACCESS program to SQL by end of FY19
Data Warehouse DBMS		Informix XPS, SQL Server 2008		
Data Exchange Model		Fixed format, XML homegrown	N/A	
<b>Networks and Platforms</b>				
Network Protocol	SNA		TCP/IP (County Network)	
Wireless Network Access	WEP		WPA2 Enterprise Security with AES Encryption/PEAP 802.1X Authentication	

Architecture Layers	Retirement (targeted for de-investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)	Remediation Plan / Timeline (retirement only)
Network Operating System	Novell (unsupported) Windows (unsupported)	MS-Windows Server 2003	MS Active Directory 2008 (County Network)	
Client Operating System	Windows ≤XP	Windows 7, Vista	≥ Windows Vista	
Server Operating Systems	OS/400, DEC VMS, Windows <2003	Microsoft Windows 2003	Windows Server 2008 Windows Server 2012	
Mobile Operating Systems	BlackBerry O/S			
<b>Shared Services</b>				
Component Service Layer		Web Services (previous version), DCOM, ASP (classic)	N/A	
<b>Message Transport Middleware</b>				
Message Transport	MQ ≤V5.2	MQ V5.3/V6.0	N/A	
Data Transformation ETL	Data Junction, MQSI ≤V2.1, DTS	Cloverleaf, WMB V6.0, BizTalk	N/A	
Data Routing/Publish and Subscribe	MQSI ≤V2.1	Cloverleaf, WMB V6.0, BizTalk	N/A	

Architecture Layers	Retirement (targeted for de- investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)	Remediation Plan / Timeline (retirement only)
File Transfer, Scheduled Production	FTP (intercourt and using public Internet), MQ ≤5.2	FTP (intra-court only), MQ V5.3/V6.0	FTP used to transmit & post web pages to Apache County Web servers only.	
File Transfer, Ad Hoc	MQ ≤5.2	MQ V5.3/V6.0		