



# FISCAL YEARS 2017-2019



# PINAL COUNTY ARIZONA JUDICIAL BRANCH INFORMATION TECHNOLOGY STRATEGIC PLAN

# TABLE OF CONTENTS

<b><u>INTRODUCTION</u></b> .....	<b>1</b>
<b>A. <u>PLANNING METHOD AND PARTICIPANTS</u></b> .....	<b>3</b>
<b>B. <u>JUDICIARY STRATEGIC AGENDA: STATE AND LOCAL</u></b> .....	<b>4</b>
B.1. JUDICIAL BRANCH STATEWIDE AGENDA	
B.2. LOCAL COURT AND AGENCY STRATEGIC AGENDAS, INITIATIVES, AND BUSINESS PRESSURES WITH RESPONDING LOCAL COURT AND AGENCY TECHNOLOGY INITIATIVES	
<b>C. <u>CURRENT TECHNOLOGY ENVIRONMENT</u></b> .....	<b>7</b>
<b>D. <u>INFORMATION TECHNOLOGY STRATEGIC PROJECTS</u></b> .....	<b>9</b>
D.1. MAJOR STATEWIDE INITIATIVES AND PLANNING/IMPACT INFORMATION	
D.2. LOCAL INFORMATION TECHNOLOGY STRATEGIC RESOURCES	
<b>APPENDICES</b>	
<b>A. <u>CURRENT ENVIRONMENT</u></b> .....	<b>23</b>
1. HARDWARE ENVIRONMENT BY COURT	
2. HARDWARE FOR SPECIAL FUNCTIONS	
3. LOCAL SERVER HARDWARE AND FUNCTION	
4. NETWORK ENVIRONMENT	
5. SOFTWARE ENVIRONMENT	
6. COMPARISON OF ENVIRONMENT TO ARIZONA JUDICIAL BRANCH ENTERPRISE ARCHITECTURE	

# **PINAL 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 Pinal County covering the period from January 2015 through June 2019. It was created as an update to the plan for FY15-FY17 submitted in March 2014.

The courts in Pinal County are composed of the following:

<b>Pinal County Superior Court</b>
<b>Adult Probation Services</b>
<b>Juvenile Court Services</b>
<b>Apache Junction Justice Court</b>
<b>Casa Grande Justice Court</b>
<b>Eloy Justice Court</b>
<b>Florence Justice Court</b>
<b>Mammoth Justice Court</b>
<b>Maricopa Justice Court</b>
<b>Oracle Justice Court</b>
<b>Superior/Kearny Justice Court</b>
<b>Apache Junction Municipal Court</b>
<b>Casa Grande Municipal Court</b>
<b>Eloy Municipal Court</b>
<b>Florence Municipal Court</b>
<b>Kearny Municipal Court</b>
<b>Mammoth Municipal Court</b>

The Superior Court 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) Steering Committee and 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 Caseflow Managers Groups

## A. PLANNING METHOD AND PARTICIPANTS

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

A countywide automation committee made up of representatives from courts developed this plan. Participants included:

<b>Amanda Stanford</b>	Clerk of the Superior Court
<b>Steven McCarville</b>	Presiding Judge, Pinal County Superior Court
<b>Todd Zweig</b>	Court Administrator, Pinal County Superior Court
<b>Ryan J. Hurley</b>	Technology Operations Director, Clerk of the Superior Court
<b>Rod McKone</b>	Chief Adult Probation Officer, Pinal County
<b>Denise Smith</b>	Juvenile Court Services Director, Pinal County
<b>Liz Ontiveros</b>	Juvenile Court Services
<b>Tracy McElroy</b>	Conciliation Court Director, Pinal County

## 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)
Clerk of the Superior Court	To maintain the accuracy and integrity of the judicial records of the Pinal County Superior Court, to manage resources ethically, to facilitate access to Justice, to promote innovation, and to increase trust and confidence by providing respectful and professional service to customers.	Web Enhancements and Public Services, Judicial Reporting, Reduce and Prevent Errors in Court-Related Data, Wireless Display Project, Jury CMS Upgrade, Jury Kiosk Express Check-in, Court Financials Accuracy in AJACS, Improve Courtroom Technology and Mobile Access to Court Documents, SSRS Automated Reports and Dashboards
Clerk of the Superior Court	Establish true workflows. Increase speed/decrease error in document and	Reduce and Prevent Errors in Court-Related Data, Court Financials Accuracy in AJACS, SSRS

<b>COURT/LOCAL AGENCY NAME</b>	<b>STRATEGIC AGENDA</b>	<b>RELATED IT INITIATIVE(S)</b>
	case data distribution.	Automated Reports and Dashboards
<b>Clerk of the Superior Court &amp; Superior Court</b>	Digital signing of court related documents	Digital Signatures
<b>Clerk of the Superior Court</b>	Participate in statewide initiatives for e-filing, e-bench and the standardization of forms.	OnBase Cleanup, OnBase Upgrade, Meeting Enterprise Architecture Targets
<b>Clerk of the Superior Court</b>	Increase effectiveness of QA	SSRS Automated Reports and Dashboards, Judicial Reporting, Reduce and Prevent Errors in Court-Related Data, Court Financials Accuracy in AJACS
<b>Clerk of the Superior Court</b>	Commitment to participation in statewide committees and decision-making bodies.	Meeting Enterprise Architecture Targets – As well as active participation in AOC Groups/Committees (User Group, Steering, TAC, etc)
<b>Clerk of the Superior Court</b>	Analyze the security and redundancy of digitized documents and services.	Local Web Enhancements, SSRS Automated Reports and Dashboards
<b>Clerk of the Superior Court</b>	Case Management System options	Participation with various committees and groups with AOC
<b>Clerk of the Superior Court</b>	Fiscal Stewardship	Court Financials Accuracy in AJACS, SSRS Automated Reports and Dashboards
<b>Clerk of the Superior Court &amp; Superior Court</b>	Courtroom Technology Systems	Improve Courtroom Technology and Mobile Access to Court Documents, SSRS Automated Reports and Dashboards
<b>Juvenile Probation</b>	Mobile and wireless capability for staff to utilize from court or other non-office based locations	Field Probation Officers Mobility
<b>Juvenile Probation</b>	Remote Access Court Appearance	Remote Access Court Appearance
<b>Juvenile &amp; Adult Probation, Clerk of the</b>	Reduction/migration of physical (paper) footprint –	Physical Footprint Reduction

COURT/LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
Superior Court, Conciliation Court, Court Administration	to digital.	

## 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, 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	Crystal Reports to SSRS Migration	Migrating 56 remaining crystal reports over to SSRS. This required creating 56 new SSRS reports.	All reports are now within one single SSRS repository. User friendly and provide more cross reporting functionality.
Local	COSC Ticket System	Creation and implementation of a new internal ticketing system (web application).	Increased efficiency and error reduction in tracking and monitoring issues. Real-time status updates to users. Ability to create reports for tracking issues and performance metrics.
Local	Emergency Hearing Coverage	Creation of a local web application that tracks and monitors emergency hearing coverage.	Increased efficiency and error reduction in tracking and monitoring the coverage of emergency hearings.
Local	RAID Storage	Integrating a new RAID system into current server farm.	280% increase of digital storage space. Increased redundancy.
Local	LTO Conversion and Destruction	Conversion of an older LTO backup system to a newer RAID backup system. Involving almost 100 outdated backup tapes as far back as ~1999.	Increased storage space and better manageability/security of data.

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
Local	Digitized Grand Jury Questionnaires	Creation of a digital system, replacing the previous paper-only system.	Significant cost savings and paper reduction. Added search functionality using OCR.
Local	COSC Inventory System	Creation of a local web application that tracks and monitors all inventory managed by the COSC.	Increased efficiency and error reduction in tracking and monitoring all inventory managed by the COSC. Provides check-in/check-out functionality.
Local	ML Approval	Creation of a customized email system, replacing the previous fax system.	Increased efficiency and error reduction in processing ML Approval forms.
Local	Jury Services	Several enhancements that improved and upgraded Jury Services:  Audio/Visuals Web Presence	Increased efficiency in providing jury related information to the public. Reduced inquiries to MAINLINE.
Local	SSRS Cleanup	Consolidated multiple reports to fewer dynamic reports. Removing unused/test reports. Added keywords/metatags to all reports.	Significantly improved search results for users. Reduced report retrieval time.
Local	SSRS Calendar 2.0	Significant changes to the nested SQL query; addition of new report parameters.	Decrease in loading times; increased calendar functionality with new parameter dropdowns.

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
Local	COSC Web Application Updates	Program updates for: Filetracker 2.0 ME Distribution 2.0 AIC 2.0 Video Calendars 2.0 OOP 2.0 Jury Check Maker 2.0	Interface upgrades for simpler/easier user interaction, decreased load times, bug fixes and aesthetic improvements.
Local	Data Dashboards	The creation or improvement of multiple in-house SSRS Dashboards:  Judicial Dashboard 1 Judicial Dashboard 2 Finance Dashboard Exception Dashboard	Significantly easier for users to observe multiple points of real-time data. (J1, J2, F). unique redlight/greenlight interface.  Elimination of errors on certain parameters (Exception Dashboard).
Local	Exhibits Program / Middleware	Created program that bridges two databases. Provides real-time list of exhibits needed for scheduled court sessions.	Significantly reduced time for exhibit preparation by 400%
Local	Mobile Court Date Finder	Created online mobile friendly tool for the public to search for more upcoming court dates.	Increased public service. Reduced (~100 calls per week) incoming inquiries to the main line.
Local	Core Court Calendar	Creation of a local web application that acts as a centralized calendaring tool.	In-house calendar creation to allow real-time editing and eliminate replicated labor.
Local	Local SQL Cleanup	Normalizing, consolidating and reconfiguring more than 100 local SQL databases, views, triggers, functions and SPs.	Increased SQL Server efficiency by over 30%; increased manageability, recovery and security.

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
Local	Local Server Cleanup	Consolidating and reconfiguring 12 servers (roles, features, functions and services).	Increased server efficiency, manageability and security.
Local	Digital Security Overhaul	Significant configuration cleanup of the AJACS and OnBase security groups, file security permissions and AD Groups.	Significantly increased manageability and security.
Both	AJACS Cleanup Script	Creation and implementation of an AJACS cleanup script (SQL) that elevated thousands of security flags.	Increased protection of sensitive information within AJACS.
Local	SSRS Services	Create and update locally authored SSRS reports and dashboards.	A repository of over 400 reports and 10 dashboards to help increase efficiency and accuracy depending on job function. Several reports automatically delivered to email or a file share on a scheduled basis.
Local	OnBase Upgrades	Successfully upgraded to OnBase 13 – Production and Test environment, unity services and middleware.	Early adopter of OnBase 13. Ability to fully test new functionality and its interaction with AJACS Production Support.
Local and State	AJACS Data Cleaning	Cooperative effort towards resolving data accuracy and integrity challenges within AJACS	Identification of data correction needs. In-house creation of scripts to update and correct AJACS

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
Local	Warrant Audits	Annual review of arrest warrant data between AJACS, PCSO, DPS and NCIC data sources.	Increased accuracy and confidence in the status of outstanding arrest warrants that were created by the Pinal County Superior Court
Local	EMV Compliance	Upgrade of payment terminals to be EMV compliant.	Protection and added security for payments using credit cards.

## 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>Physical Footprint Reduction</b>	Analyze/audit current business practices involving physical paper and incorporating new digital technology (i.e.: digital signatures, paper to digital form conversion, etc.)	Electronic Filing	Mid-cycle implementation	FY16	Planned	
<b>OnBase Clean-up</b>	Repository clean-up for DTM preparation	Access to Electronic Documents	Mid-cycle implementation	FY16	Underway	
<b>OnBase Upgrade</b>	Upgrade OnBase DMS to Version 15	Access to Electronic Documents	Mid-cycle implementation	FY16	Underway	
<b>Judicial Reporting</b>	Afford judges (initial focus IA hearings) with reporting dashboards containing person data	Judge/Bench Automation	Early adopter	FY16	Underway	

## 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>Electronic Filing</b>	Preparation and participation in the Electronic Filing statewide project	Electronic Filing	Mid-cycle implementation	FY16	Underway	
<b>AJACS GJ Enhancements</b>	Participation in the AJACS GJ Enhancements statewide project	AJACS GJ Enhancements	Early adopter	FY16	Underway	
<b>LJ CMS - AZTEC Replacement</b>	Preparation and participation in the LJ CMS - AZTEC Replacement statewide project	LJ CMS - AZTEC Replacement	Early adopter	FY16	Underway	
<b>JOLTSaz</b>	Preparation and participation in the JOLTSaz statewide project	JOLTSaz	Early adopter	FY16	Underway	
<b>Judge/Bench Automation</b>	Preparation and participation in the Judge/Bench Automation statewide project	Judge/Bench Automation	Early adopter	FY16	Underway	

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
eWarrants	Preparation and participation in the eWarrants statewide project	eWarrants	Early adopter	FY16	Planned	

## OTHER LOCAL INDEPENDENT PROJECTS

Strategic Project Name / Phase	Brief Project Description	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
<b>Mobility – Data in the Field</b>	Via wireless solutions (i.e.: Jetpacks) or Wi-Fi currently present in the Pinal Superior courthouse, or the upcoming AOC managed wireless network; assist in providing connectivity to probation staff	FY16	Conceptual	
<b>SSRS Automated Reports and Dashboards</b>	Continual improvement and creation of reports distributed internally/externally via email. Dashboards accessible internally. Data used for reporting/informational/ QA purposes	FY16	Underway	
<b>Jury CMS Upgrade</b>	Upgrade of WinForms Jury Department software to locally hosted web application	FY16	Underway	
<b>Jury Kiosk Express Check-in</b>	Self-service check-in stations for Jurors	FY16	Underway	
<b>Court Appointed Billing Automation</b>	Electronic Billing Submission with Court Appointed Counsel	FY16	Planned	

## OTHER LOCAL INDEPENDENT PROJECTS

Strategic Project Name / Phase	Brief Project Description	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
<b>Digital Fingerprinting Process</b>	Real-time "In Courtroom" digital capture and processing of fingerprints	FY17	Underway	
<b>FileTracker MOBILE</b>	Mobile version of the COSC FileTracker (possibly on an MC9090 or MC3090)	FY16	Conceptual	
<b>SharePoint Internal</b>	Investigate benefits of having a local SharePoint infrastructure	FY16	Conceptual	
<b>Wireless Display Project</b>	New/enhancement of visual display monitors within the main office and front lobby	FY17	Conceptual	
<b>Building Expansion</b>	Physical building expansion to the Pinal Superior Courthouse	FY16	Underway	

## OTHER LOCAL INDEPENDENT PROJECTS

Strategic Project Name / Phase	Brief Project Description	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
<b>Web Enhancements and Public Services</b>	Constant review and optimization of the COSC web presence and offering of web-based services to the public	FY16	Underway	
<b>Server Refresh</b>	Annual replacement of local servers	FY16	Planned	
<b>Meeting Enterprise Architecture Targets</b>	Annual review and contributions to the AOC for software standards. Local related efforts to ensure compliance with those standards	FY16	EA Req'd	
<b>Reduce and Prevent Errors in Court-Related Data</b>	Review and cleaning of existing data inaccuracies as well as prevention of new occurrences within AJACS	FY16	Underway	
<b>Digital Signatures</b>	Allow the digital signing of court related documents within AJACS	FY16	Underway	

## OTHER LOCAL INDEPENDENT PROJECTS

Strategic Project Name / Phase	Brief Project Description	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
<p><b>Court Financials Accuracy in AJACS</b></p>	<p>Review and resolution to AJACS related financial challenges</p>	<p>FY16</p>	<p>Underway</p>	
<p><b>Improve Courtroom Technology and Mobile Access to Court Documents</b></p>	<p>Pursue courtroom related features such as remote interpreting / testimony, digital evidence presentation and display systems, as well as video recording options</p>	<p>FY17</p>	<p>Conceptual</p>	
<p><b>Coordinate Probation Access to Systems and Information</b></p>	<p>Provide probation staff the ability to maintain system access via wireless connection while away from their work-site attending court proceedings</p>	<p>FY16</p>	<p>Planned</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. The AOC is further building upon the AZTEC-replacement application and developing a solution that meets the needs of all LJ courts, large or small, rural or metropolitan. Significant, large volume, non-AOC-supported courts, spearheaded by Mesa, are engaged in collaborating with the AOC and the vendor. 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>Next 12 months</p>
<p><b>2. General Importance or Impact to Your Court:</b></p> <p>Resources for training and maintaining a significantly larger group of AJACS/OnBase accounts.</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)

Rollout schedule determined by AOC

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

System stability and ease of use / user training.

**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. Currently, participation is voluntary, but following changes to ACJA 1-501, any LJ court without an EDMS will be required to participate prior to accepting e-filings.

Participation in the shared LJ EDMS enables a court to both accept e-filings and destroy paper copies of imaged records. An enhancement for bulk scanning of closed records has been added.

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:**

OnBase upgrade from 13 to 15 for DTM compatibility to transmit documents to the CDR. Significant OnBase cleanup to standardize local repository will encompass disk groups, document types groups, and document types.

**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)

Immediately

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

OnBase upgrade from 13 to 15 for DTM compatibility to transmit documents to the CDR. Significant OnBase cleanup to standardize local repository will encompass disk groups, document types groups, and document types.

New training/business practices with local staff to process and manage the electronic filing queue.

**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 2015/167

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

1-2 years

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

This would potentially provide a more user friendly platform and digital case interaction to the Judges. There is an expressed desire for not being limited to a consume only experience, but to also allow for information to be written from this environment back to the CMS – e.g. applying digital signatures to documents, scheduling court sessions.

Compatibility into eBench will require the local OnBase environment to be upgraded from 13 to 15 (for DTM compatibility to transmit documents to the CDR). Significant OnBase cleanup to standardize local repository will encompass disk groups, document types groups, and document types.

New training/business practices with local staff to interact with eBench real-time in the courtroom.

**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:**

Provide easier access for court employees to obtain key components of court cases, updating case information, checking financial information, charges, case status, and other case related information.

## D.2. LOCAL INFORMATION TECHNOLOGY STRATEGIC RESOURCES

This section provides high-level information about the technology spending and resources by court in 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 – includes Clerk’s Office/Satellite Offices/Court Admin.	\$199,750	\$200,000*	7	0
Florence JP Court	\$6000	0	0	0
Casa Grande JP Court	\$17000	0	0	0
Eloy JP Court	\$13500	0	0	0
Mammoth JP Court	\$4500	0	0	0
Oracle JP Court	\$7250	0	0	0
Apache Junction JP Court	\$9000	0	0	0
Superior/Kearny JP Court	\$6000	0	0	0
Maricopa JP Court	\$6000	0	0	0
Florence Municipal Court	\$2250	0	0	0

<b>LOCAL TECHNOLOGY RESOURCES</b>				
<b>Court</b>	<b>State Device Cost</b>	<b>Other Technical Cost</b>	<b>Number of:</b>	
			<b>Court FTE Technical Staff</b>	<b>City or County FTE Technical Support Staff</b>
<b>Casa Grande Municipal Court</b>	\$3000	0	0	0
<b>Eloy Municipal</b>	\$7500	0	0	0
<b>Mammoth Municipal Court</b>	\$1500	0	0	0
<b>Apache Junction Municipal Court</b>	\$9750	0	0	0
<b>Superior Municipal Court</b>	\$750	0	0	0
<b>Kearny Municipal Court</b>	\$1500	0	0	0
<b>Coolidge Municipal Court</b>	\$1500	0	0	0
<b>Maricopa Municipal Court</b>	\$5300	0	0	0
<b>Adult Probation</b>	Included with Superior Court	0	0	0
<b>Juvenile Probation</b>	Included with Superior Court	\$100,000	0	2

\* Includes Licensing/Support NS Maintenance for OnBase, Office Suite, Hardware, Facilities, etc.

## 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
Superior Court, Main	205	Windows 8.1	2	Windows 8.1	48
Superior Court, Satellites	18	Windows 8.1	0	NA	4
Justice Courts (All)	92	Windows 8.1	2	Windows 8.1	24
Superior Muni	1	Windows 8.1	0	NA	0
Florence Muni	3	Windows 8.1	0	NA	2
Casa Grande Muni	17	Windows 8.1	0	NA	5
Eloy Muni	4	Windows 8.1	0	NA	1
Mammoth Muni	1	Windows 8.1	0	NA	1
Kearny-Sup Muni	1	Windows 8.1	0	NA	1
Coolidge Muni	4	Windows 8.1	0	NA	2
Apache Junction Muni	10	Windows 8.1	0	NA	4

## 2. Hardware for Special Functions

Court	Number of:				
	Public Access PCs	In Courtroom PCs	In Chambers PCs	Dedicated Imaging/ Scanning Workstations	Dedicated ACAP Training PCs
Clerk of the Superior Court	7	36		2	
Court Admin Superior Court			34		5
Juvenile Court Services					
LJ Courts				4	

## 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 PowerEdge R510	MS Windows Server 2008 R2	MS SQL 2008 R2	COSC	Local Database Server File Server
Clerk of the Court	Dell PowerEdge R510	MS Windows Server 2008 R2		COSC	File Server
Clerk of the Court	Dell PowerEdge R520	MS Windows Server 2008 R2	MS SQL 2012	COSC	OnBase / Image Server

<b>Local Server Information</b>					
<b>Court/Dept.</b>	<b># Brand / Model</b>	<b>Operating System</b>	<b>Database</b>	<b>Managed by</b>	<b>Use/ Applications</b>
<b>Clerk of the Court</b>	Dell PowerEdge 2950	MS Windows Server 2003 R2	MS SQL 2008 R2	COSC	File Server
<b>Clerk of the Court</b>	Dell PowerEdge R510	MS Windows Server 2008 R2		COSC	Liberty Court Audio/Video File Server
<b>Clerk of the Court</b>	Dell PowerEdge R510	MS Windows Server 2008 R2	MS SQL 2008 R2	COSC	Secondary DB Backup, Apache Tomcat, SMTP Relay
<b>Clerk of the Court</b>	Dell PowerEdge 2950	MS Windows 2003	MS SQL 2005	COSC	Local Database Server (Test)
<b>Clerk of the Court</b>	Dell PowerEdge R520	MS Windows 2012	MS SQL 2012	COSC	Internal Web Server
<b>Clerk of the Court</b>	Dell PowerEdge R510	MS Windows Server 2008 R2		COSC	Data Backup Server
<b>Clerk of the Court</b>	Dell PowerEdge R520	MS Windows Server 2012		COSC	External Web Server (Located at AOC)
<b>Clerk of the Court</b>	Dell PowerEdge 2850/2950	MS Windows 2003 / 2003 R2		COSC	Domain Controllers (Total of 2)

#### **4. Network Environment**

The court's network is the Arizona Judicial Information Network (AJIN), maintained by the AOC.

The Pinal County COSC maintains a domain within the AJIN network that is accessible by users within the Pinal County Superior Court.

Court Name	Number of Devices (PCs & Printers) on Network	Network Software (NOS)	Firewall brand/model	Other Security Provisions
Pinal Superior Court	5 devices and 12 Servers (see Local Server Information for more details)	Windows Server 2003 R2 Standard	Devices connect through State network/firewall	<p>McAfee VirusScan Enterprise + AntiSpyware Enterprise 8.8 provided by AOC</p> <p>Monthly security/system updates to various server operating systems (See Local Server Information for more details)</p>

## 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
AJACS application software for the Arizona Court Automation Project (ACAP)	AOC/Vendor	Clerk of the Superior Court, Apache Junction Municipal Court	N/A		
Exhibits Tracking - *Webapp	Clerk of the Superior Court	Clerk of the Superior Court	Standalone		
Video Calendar Generation - *Webapp	Clerk of the Superior Court	Clerk of the Superior Court	Bolt-on		
Filetracker - *Webapp	Clerk of the Superior Court	Clerk of the Superior Court	Bolt-on		
ATLAS	Arizona Department of Economic Security	Clerk of the Court	Local PC/DES Server		

Local Applications					
Application Name	Developed/Supported by	Courts Using	Vendor Pkg., Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
APETS (Adult Probation Enterprise Tracking System)	AOC	Superior Court Adult Probation Dept., Juvenile Court Services	N/A		
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	Local PC		
AZTEC Module: Forms Generation	AOC	All Justice and Magistrate Courts	Local PC		
DCATS - CASA	AOC	Juvenile Court Services	N/A		
Web Traffic Analysis	COSC	Clerk of the Superior Court	Standalone		

Local Applications					
Application Name	Developed/Supported by	Courts Using	Vendor Pkg., Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
JOLTS (Juvenile On-Line Tracking System)	AOC	Juvenile Court Services	AS/400 JOLTS N/A		
Statistical Reports (CASPER)	AOC	Justice Courts	N/A		
CourTools	AOC				
Tax Intercept Program (TIP)	AOC	Clerk of the Superior Court, Justice Court, Municipal Court and Juvenile Probation participates manually	N/A		
Windows 8.1 (AOC Machines)	Microsoft/AOC staff	Clerk of the Superior Court. All Justice and Municipal Courts, Juvenile Court Services	Vendor Pkg		

Local Applications					
Application Name	Developed/ Supported by	Courts Using	Vendor Pkg., Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Other PC/Laptop operating system: Windows 7	Local staff	Juvenile Court Services	Vendor Pkg		
Other PC/Laptop operating system: Windows 7	Local ITD Staff	Clerk of the Superior Court	Vendor Pkg		
Other PC/Laptop operating system: Windows 7	Local ITD Staff	Clerk of the Superior Court	Vendor Pkg		
Server operating system: Windows 2003, 2008, 2012	Local staff	Clerk of the Superior Court	Vendor Pkg		
Network operating system	Local staff	Clerk of the Superior Court	Vendor Pkg		
Electronic storage (SAN, NAS, etc): AJACS Share data	Local staff	Clerk of the Superior Court	Vendor Pkg		

Local Applications					
Application Name	Developed/ Supported by	Courts Using	Vendor Pkg., Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
MS SQL 2005 / 2008 / 2012	Local staff	Clerk of the Superior Court.	Vendor Pkg		Repl 2005 w/ 2008 12/2016
Project management / tracking: Task Manager (In house dev)	Local staff	Clerk of the Superior Court.	Standalone		
Adobe Creative Suite	Local Staff	Clerk of the Superior Court	Vendor Pkg		
Adobe Acrobat Reader 9	Adobe	Clerk of the Superior Court. All Justice and Municipal Courts, Juvenile Court Services	Vendor Pkg		
McAfee Virus Scan (AOC Machines)	McAfee	Clerk of the Superior Court. All Justice and Municipal Courts, Juvenile Court Services	Vendor Pkg		
Data backup / recovery system	Microsoft	Clerk of the Superior Court	Vendor Pkg		

Local Applications					
Application Name	Developed/ Supported by	Courts Using	Vendor Pkg., Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Microsoft SSRS	Local staff /AOC staff	Clerk of the Superior Court	Vendor Pkg		
Hardware and software inventory: MS SQL, Software Lic. and Hardware Audit *Web Based	Clerk of the Superior Court	Clerk of the Superior Court	Standalone		
Procurement / Mt'ls Mgmt:					
Centra	Centra	Clerk of the Superior Court. All Justice and Municipal Courts, Juvenile Court Services	N/A		
Fines, Fees and Restitution Enforcement Module for FARE participation	AOC and vendor, ACS	Clerk of the Superior Court	Vendor / Bolt-On		

Local Applications					
Application Name	Developed/Supported by	Courts Using	Vendor Pkg., Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Pre-adjudication payment processing	Vendor	NA	Vendor Pkg		
Liberty Audio Recording (With video option)	Liberty	Clerk of the Superior Court / Pinal County Court Administration	Vendor Pkg		
Digital Audio Recording	NVR	Superior Court	Vendor Pkg		
OnBase Document Imaging V13	Hyland/OSAM	Clerk of the Superior Court	Vendor Pkg	July 2014	March 2016 Upgrade to V15
Integration-electronic data sharing with county/city law enforcement	Microsoft BizTalk, SQL	County Wide	Vendor Pkg		
Integration-electronic data reporting of dispositions to DPS (ADRS)	AOC developed and supported.	Pinal COSC / City of Florence	N/A		

Local Applications					
Application Name	Developed/Supported by	Courts Using	Vendor Pkg., Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Integration-electronic data reporting of citations/dispositions to MVD.	AOC developed and supported	NA	N/A		
Jury system: Next Generation version	JSI/Jury+	Clerk of the Superior Court	Vendor Pkg		
External Court Web site	Clerk of the Superior Court	Clerk of the Superior Court	Standalone	2014	
Public Access to court data (local)		Clerk of the Superior Court			
Appeals Image Capture (AIC) *Web-Based	Clerk of the Superior Court	Clerk of the Superior Court	Bolt-on	2014	
Automated exhibits application * Web-Based	Clerk of the Superior Court	Clerk of the Superior Court	Bolt-on	2014	
OMEA/C2C	AOC	Clerk of the Superior Court	N/A		

## 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. Items in the “containment” category can have no additional 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.supreme.state.az.us/cot/Documents/EAS/EAS.htm>. 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		AOC Public Access PC's and Internet	
User Interface Delivery Method for Business Applications	Character based	Silverlight		
Electronic Document Management	LaserFiche, Hyland OnBase <12.0.3		OnBase V13	

<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>
Electronic Imaging	Kofax Card	Kofax Ascent Capture		
Report Writer for Ad Hoc Reporting	Crystal <10, MS-SSRS 2000	Crystal V10, MS-SSRS 2005	MS SSRS 2008 R2	
Report Writer for Business Application Reports	Crystal <10	Crystal V10, MS-SSRS 2005	MS SSRS 2008 R2	
Development Languages	COBOL, JAM, RPG, MUMPS, FoxPro	Java (on a business case need basis), ASP (Classic), .NET Framework ≤V2.X, Silverlight	.Net ASP (C# VB) and PHP	
Development Environment	Panther, Visual Studio ≤2005, Visual Studio 6 Visual Interdev	Visual Studio2008, PowerBuilder, MS-Access	Visual Studio 2012	
Source Control	Aldon			
Analysis Tools	HOW		SQL based analysis (using SSMS and SSRS)	
<b>Productivity Tools</b>				
Word Processing	WordPerfect, Word ≤2003	Word 2007	Office 365 (Word 2013)	
Spreadsheet	Excel <2003, QuattroPro	Excel 2007	Office 365 (Excel 2013)	

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)
Presentation	PowerPoint ≤2003, CorelDraw	PowerPoint 2007	Office 365 (PowerPoint 2013)	
Local Standalone Database	MS-Access ≤2003	MS-Access 2007	NA	
E-mail Client Product	Outlook <2003, Lotus Notes, GroupWise (unsupported)	Outlook 2007, Lotus Notes, GroupWise (supported versions)	Office 365 (Outlook 2013)	
Instant Messaging		MS-Live Communication Server	Office 365 (Skype for Business formerly Lync)	
<b>Data Architecture</b>				
DBMS	SQL Server ≤2005, FoxPro, Clipper	SQL Server 2008	SQL Server 2005 / 2008 R2 / 2012	2005 is test env. on 12/2011 Migrate to 2008 b
Data Warehouse DBMS		Informix XPS, SQL Server 2008	2008 R2 / 2012	
Data Exchange Model		Fixed format, XML homegrown	XML	
<b>Networks and Platforms</b>				
Network Protocol	SNA			

<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>
Wireless Network Access	WEP			
Network Operating System	Novell (unsupported) Windows (unsupported)	Windows Server 2003	Windows 2003R2 / 2008 / 2008R2 / 2012	
Client Operating System	Windows ≤XP	Windows 7, Vista	Windows 7 & 8.1	
Server Operating Systems	OS/400, DEC VMS, Windows <2003	Windows Server 2003	Windows 2003R2 / 2008 / 2008R2 / 2012	
Mobile Operating Systems	BlackBerry O/S		Windows Mobile	
<b>Shared Services</b>				
Component Service Layer		Web Services (previous version), DCOM, ASP (classic)		
<b>Message Transport Middleware</b>				
Message Transport	MQ ≤V5.2	MQ V5.3/V6.0		
Data Transformation ETL	Data Junction, MQSI ≤V2.1, DTS	Cloverleaf, WMB V6.0, BizTalk		

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)
Data Routing/Publish and Subscribe	MQSI ≤V2.1	Cloverleaf, WMB V6.0, BizTalk		
File Transfer, Scheduled Production	FTP (intercourt and using public Internet), MQ ≤5.2	FTP (intracourt only), MQ V5.3/V6.0	FTP (Intracourt)	
File Transfer, As Hoc	MQ ≤5.2	MQ V5.3/V6.0		