

FISCAL YEARS 2012–2014

**GRAHAM COUNTY COURTS
INFORMATION TECHNOLOGY
STRATEGIC PLAN**



ARIZONA SUPREME COURT

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GRAHAM COUNTY COURTS

INFORMATION TECHNOLOGY STRATEGIC PLAN FOR FISCAL YEARS 2012-2014

INTRODUCTION

This is a three year information technology strategic plan for the courts in Graham County covering the period from January 2011 through June 2014.

The courts in Graham County are composed of the following:

Superior Court in Graham County
Justice Court Precinct #1
Justice Court Precinct #2
Safford Municipal Court
Thatcher Municipal Court
Pima Municipal Court

The Superior Court in Graham 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,
 - The Technical Advisory Council, and
 - The COT e-Courts Subcommittee
- The Arizona Court Automation Project (ACAP) Users' Group,
- The Juvenile On-Line Tracking System (JOLTS) Users' Group and
- The Adult Probation Enterprise Tracking System (APETS) Statewide Users' Group.

All courts in the county are participating in the Arizona Court Automation Project (ACAP).

A. PLANNING METHOD AND PARTICIPANTS

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

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

R. Douglas Holt	Presiding Judge
Darlee Maylen	Clerk of the Superior Court
Joshua Halversen	Court Administrator
Linda Aguilar	Safford Municipal Court
Gary Griffith	Judge of Justice Court Precinct #1
Anna Elder	Justice Court Precinct #1
Elizabeth Luna	Justice Court Precinct #2 and Pima Magistrate
McCoy Hawkins	County IT

B. JUDICIARY STRATEGIC AGENDA: STATE AND LOCAL

B.1. JUDICIAL BRANCH STATEWIDE AGENDA

The courts support *JUSTICE 20/20: A VISION FOR THE FUTURE OF THE ARIZONA JUDICIAL BRANCH 2010-2015* 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 adopted in March 2010 at the direction of the judiciary's new chief justice. It remains consistent with the previous *GOOD TO GREAT* vision and encompasses five broad goals, each associated with several key strategic business needs.

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)
Thatcher Municipal Court	Improve the quality of the record to ensure accuracy for appeals transcripts.	Incorporate Town of Thatcher's digital recording in their assembly room to digitally audio record trials for an accurate record.
Thatcher Municipal Court	Improve Safety and Security in the new court facility, and adhering to fire safety code.	
Thatcher Municipal Court	Reduce jail transportation costs and improve efficiency of performing Initial Appearances.	Implement Video Conferencing equipment in judge's office to perform video I.A.s
Safford Municipal Court	Improve the quality of the record to ensure accuracy for appeals transcripts.	Upgrade digital audio recording quality by replacing microphone equipment in court room.
Graham County Superior Court	Adhere to Supreme Court's established standards for video court appearance.	Implement possible hardware/software solutions to align court's practice of court video conferencing with state technical standards.

COURT/LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
Justice Court Precincts #1	Expand physical office space for increased functionality and increased security of employees.	
Justice Court Precinct #1	Consolidate data/information storage (both back log and future) by implementing electronic scanning/storage systems, as well as additional personnel to carry out the process.	Implement EDMS and scanning capabilities for back log documents, creating efficient document retrieval ability.
JP#2	Improve defendant's ability to appear for Initial Appearances via video from the jail, continuing to reduce travel costs.	Improve video appearance capabilities in court; New equipment/flat screen monitor
JP#2	Improve the security in the courthouse, making it a safer, more accessible place for the public to visit. Put this into the position of	Install video surveillance equipment in the courtroom and general office area.

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 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, has undertaken a four year equipment leasing cycle which is designed to refresh desktop hardware regularly to ensure that it incorporates the technology needed to support the evolution of statewide applications and projects. In the most recent refresh activity, the following models were placed in service:

- Desktop: EW290AV hp Compaq Business Desktop dc5700 SFF, Intel Core 2 Duo 2.13GHz, 160 GB, 2 GB RAM, NIC
- Laptop: RM266UA hp Compaq 8510p, Intel Core 2 Duo 2.2GHz, 160 GB, 2 GB RAM, NIC
- Printer: Q5401A hp LaserJet 4015N

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:

STRATEGIC PROJECTS	PRIORITY*
ELECTRONIC FILING — CENTRAL CASE INDEX	1
ELECTRONIC FILING — CENTRAL DOCUMENT REPOSITORY	1
ELECTRONIC FILING — PAYMENT PORTAL	1
AJACS (GJ CMS) ENHANCEMENTS	1
AJACS (GJ CMS) REPORTS	1
LJ EDMS CENTRAL REPOSITORY	2
DEFENSIVE DRIVING PHASE 2	2
JUDGE/BENCH AUTOMATION (AJACS)	2
PROBATION CASE ACCESS	2
LJ CMS — DEVELOPMENT	2
APETS-CMS INTEGRATION	2
JOLTSAZ — STATEWIDE NEEDS ASSESSMENT	2
JOLTSAZ — DEVELOPMENT	2
LJ CMS PILOT(S)	3
LJ DISCONNECTED SCANNING	3
LJ DOCUMENT BRIEFCASE	3
JOLTSAZ — PILOT	3
ELECTRONIC DOCUMENT ACCESS	4
JOLTSAZ — ROLLOUT	4
LJ CMS ROLLOUT	4

STRATEGIC PROJECTS	PRIORITY*
APETS ENHANCEMENTS (EBP)	4
JOLTSAZ PHASE 2 DEVELOPMENT	5

COURT IT ACCOMPLISHMENTS CY2009/2010

This section lists the accomplishments of the county's courts in information technology projects from January 2009 to January 2011.

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
State	GJ CMS Rollout	The new general jurisdiction case management system, AJACS, rolled out and implemented in the Arizona Superior Court in 13 counties in the state.	Graham County Superior Court Successfully Implemented the AJACS CMS in April 2010 as part of the AOC's rollout.
Local	Website Improvement Program	Re-design the County's website to allow for greater customer service and information resources for the public	Participated in the development of the new county website and adding court specific content and a real time court calendar to the site.
Local	Video Conferencing	Enable the courts to conduct Initial Appearance hearings with the defendants appearing from the jail via video conferencing	The Superior Court installed video conferencing equipment in two court rooms, allowing video IA with the jail.

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
Local	Digital Recording	Upgrade of retirement age digital audio recording software, FTR Gold Reporter 2.4, to version 5.4 in Both Justice Courts and two Superior Court courtrooms.	Through the joint effort of the Superior Court, the Clerk of the Court, Safford Justice Court, and Pima Justice Court, the upgrade software was purchased and implemented for court use. The old software was incompatible with the operating system of the court's new devices which had replaced old ones. The upgrade allowed the courts to utilize the new devices and avoid the repair problems the old PCs caused. With the purchase of the new software, the courts were also able to establish a service agreement with FTR Gold, which had not been in place for several years.

COURT PROJECTS MASTER LISTING

This section collects all information technology project-related information for all the county's courts during fiscal year 2011 (really January 2010 to January 2011). 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
None						

OTHER LOCAL INDEPENDENT PROJECTS

Strategic Project Name / Phase	Brief Project Description	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
Electronic Document Management	Implement electronic document storage software and equipment to Justice Court Precinct #1 to improve/consolidate document storage and retrieval.	FY12	Plan	Increased workload/time commitment from staff to have to manage; Cost
Video Conferencing/ Hearings by Remote	Thatcher Municipal: Implement video conferencing system linked to county jail hold IA hearings remotely. Graham Superior/Pima Justice: enhance video systems to comply with State standards established in ACJA.	FY12	Concept	Cost, ability to integrate with jail
Digitize Archive Documents	Convert archival documents into digital images and microfiche formats and send documents to the State Archives	FY13	Execute	Cost, Size of documents; The need to transport to vendor off-site; risk of damaging historical documents
Video Surveillance	Improve court security in the courtroom and office area for the Pima Justice Court by providing vision and video record of security issues in the justice courthouse.	FY13	Concept	Cost; Effectiveness in preventing security issues

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>Description: A limited jurisdiction court case management system to replace AZTEC is being developed by extending the GJ CMS (AJACS) codeset to incorporate certain functionality favored in the Tempe CMS product with AZTEC system improvements developed by Scottsdale Municipal Court called AZTEC Wizard. Significant, large volume, non-AOC-supported courts are collaborating 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 applications 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: Summer 2011 through Fall 2014</p>	
<p>1. Timeframe in which needed: (immediately, next 12 months, 1-2 years, 3-4 years)</p>	<p>Safford JP #1: 3-4 years</p> <p>Pima JP #2: 3-4 years</p> <p>Safford Municipal Court: 3-4 years</p> <p>Thatcher & Pima Municipal Courts: 3-4 Years</p>
<p>2. General Importance or Impact to Your Court: The need certainly exists for the implementation of the new LJ CMS, but all of the courts in Graham County are in</p>	

**STATEWIDE INITIATIVE
JOLTSaz JUVENILE MANAGEMENT SYSTEM**

Description:

Phase 1 of JOLTSaz, the next-generation probation automation system, lays the foundation for building interfaces and exchanging the data required in the juvenile services and justice arenas while continuing the functionality in legacy JOLTS using new technology. Also included is the development and implementation of a statewide juvenile identification number that will be utilized by all counties [one unique, statewide identifier (SWID) for each juvenile] and an interface with the Clerks of Courts' case management systems, namely AJACS for the rural counties and AGAVE for Pima County. Following extensive testing, data conversion from JOLTS will accompany a methodical, county-by-county rollout across the state. Phase II will be undertaken in parallel with the statewide rollout and will enhance JOLTSaz with new functionality beyond legacy JOLTS. In addition, a Juvenile Needs Assessment (JNA) module is presently in the final stages of development.

Anticipated rollout timelines:

SWID – January 2011 (Pima) and February 2011 (Rural Counties)
 JOLTSaz Phase 1 -- May 2011 (Pima) and TBD (Rural Counties)
 JOLTSaz Phase II -- TBD
 JNA – TBD (Anticipated to be implemented in legacy JOLTS)

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/Probation Department: If the planned interface functionality works as proposed, both the juvenile court and juvenile probation will be impacted favorably by increased data entry speed/efficiency and improved data integrity.

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

Description:

The vision of court leadership is hastening the day in which no paper comes into the court at all and judges have the information they need right when they need it on the bench or in chambers without printing any case-related documents. Photo radar and e-citation started courts on that journey by auto-calendaring cases using a stream of digital data supplied by a vendor. 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 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 is therefore constructing a shared document management environment for use by limited jurisdiction courts to accomplish both document imaging and e-filing. Following the ACAP subscription model, each LJ court will receive a scanner and 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: Pilot Spring 2010, general rollout starting Fall 2010 to requesting courts

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

Safford JP #1: 3-4 years
Pima JP #2: 3-4 years
Safford Municipal Court: 3-4 years
Thatcher & Pima Municipal Courts: 3-4 Years

2. General Importance or Impact to Your Court: Safford Justice Court is actively pursuing their own EDMS solution which will be compatible with the state's e-Filing standards (OnBase), but the other limited jurisdiction courts would like to utilize this as e-filing comes to the fore-front.

**STATEWIDE INITIATIVE
AZTURBOCOURT: E-FILING AND STANDARDIZED FORMS**

Description:

Electronic Filing, aka “e-filing,” is a composite project that uses portions of other individual projects to construct a pinnacle application to enable filing of documents and data along with appropriate and validated indexing information so that data can be automatically accepted and recorded into both the electronic document management and case management systems, thus removing the need for a document scanning function. AZTurboCourt is the all-encompassing system that supports electronic filing for all courts and case types statewide via an Internet portal.

AZTurboCourt includes a mechanism for filers to pay filing fees online. Through a central case index and central document repository, it also provides parties and counsel the ability to quickly locate and retrieve documents they have filed and secondary copies of the official court record, eliminating the need for direct access to the CMSs to access case records.

Simultaneously, work is underway to expand the Judicial Branch’s self-service capabilities on the Web, to standardize forms, and provide other information helpful to those who appear unrepresented in the limited and general jurisdictions as well as appellate courts. Forms needed for dissolution and other domestic-relations-related cases, small claims, eviction actions, probate, and certain general civil cases are being developed for filing. Forms use an interview-based question and answer process to assist filers. Form data filed through AZTurboCourt is converted to a data stream, similar to electronic citation data, for use by the case management system, minimizing the need for manual intervention. In support of that goal, work is also underway to automate the entire workflow associated with case initiation and subsequent filings for select case types throughout the courts. Related rules and code changes to support statewide e-filing are also being accomplished.

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)

- Graham County Superior Court: 3-4 years
- Safford JP #1: 3-4 years
- Pima JP #2: 3-4 years
- Safford Municipal Court: 3-4 years
- Thatcher & Pima Municipal Courts: 3-4 Years

2. General Importance or Impact to Your Court: All the courts see this as an important process, but each shares concerns and the need to improve current practices in anticipation of e-Filing implementation.

**STATEWIDE INITIATIVE
JUDGE/BENCH AUTOMATION**

Description:

Thus far, court automation has largely been limited to backoffice functions that assist the clerk or court administrator. Digitization will necessarily bring about changes in the way judges operate on the bench and in chambers, as electronic filing shifts the medium for the majority of documents from paper to digital over time. Document review applications for judges are being constructed for use with for both the AZTEC and AJACS case management systems (CMSs).

Due to economic realities like the soaring cost of printing and distributing bench books, resources for judges are becoming electronic rather than paper-based. 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 currently examining the workflow of bench operations to identify streamlining opportunities through automation and ensuring that judges' workload doesn't increase in comparison to paper processing. The eventual outcome will be a judge information management capability that assists with the day-to-day activities of the judiciary, integrated with target CMS automation efforts.

Anticipated rollout timeline: Summer 2011 through Fall 2014

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

Graham County Superior Court: 3-4 years

Safford JP #1: 3-4 years

Pima JP #2: 3-4 years

Safford Municipal Court: 3-4 years

Thatcher & Pima Municipal Courts: 3-4 Years

2. General Importance or Impact to Your Court: Will be very valuable and the courts would anticipate utilizing this along with e-Filing.

D.2. LOCAL INFORMATION TECHNOLOGY STRATEGIC RESOURCES

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

LOCAL TECHNOLOGY RESOURCES				
Court	State Device Cost	Other Technical Cost	Number of:	City or County FTE Technical Support Staff
			Court FTE Technical Staff	
Clerk & Superior Court	\$20,250	*	0	.05
JP#1	\$6,000	*	-	.05
JP#2/Pima Muni	\$5,250	*	-	.05
Safford Muni	\$3,750	*	-	.05
Thatcher Muni	\$2,250	*	-	.05

*Additional support by County IT is funded by county.

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
Clerk & Superior Court	19	MS-Vista			8
JP#1	6	MS-Vista			2
JP#2	5	MS-Vista			1
Safford Muni	3	MS-Vista			2
Thatcher Muni	2	MS-Vista			1
Pima Muni	1				1

2. HARDWARE FOR SPECIAL FUNCTIONS

Court	Number of:					
	Public Access PCs	In Courtroom PCs	In Chambers PCs	DPS ACJIS Terminals	Imaging/ Scanning Stations	Dedicated Training PCs
Clerk	1				1*	
Superior Court		2	1			
Probation				1		
All LJ Courts			2			

* County device.

3. LOCAL SERVER HARDWARE AND FUNCTION

The courts do not have any local servers.

4. NETWORK ENVIRONMENT

The court network is the Arizona Judicial Information Network (AJIN), maintained by the AOC, and all court computer equipment is attached to it.

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	Resides on ("local PC" or server name)	Courts Using	Description of Application
AJACS application software for the Arizona Court Automation Project (ACAP)	AOC	Local PC	Superior Court and Clerk	State standard case management system.
AZTEC application software for the Arizona Court Automation Project (ACAP)	AOC	Local PC	All Justice and Municipal Courts	State standard case management system.
Other Calendaring	GroupWise	County PC	Superior Court	Electronic Schedule
AZTEC module: Financials	AOC	Local PC	Justice Courts	A module of AZTEC that performs the cash management functions.
AZTEC: Forms Generation	AOC	Local PC	JP #1, JP #2, all muni courts	A feature of AZTEC that allows automatic generation of forms and minute entries using imported AZTEC data and Word.
Other Forms Generation/Processing: OMNI	County IT	Local PC	Superior Court, Justice Courts	Local forms package

Local Applications				
Application Name	Developed/ Supported by	Resides on ("local PC" or server name)	Courts Using	Description of Application
APETS (Adult Probation Enterprise Tracking System)	AOC	Local PC/AOC Server	Adult Probation	The new state standard system for tracking adult probationers.
DCATS - CASA	AOC	Local PC/AOC Server	Superior Court	The statewide system for tracking court appointed special advocates.
JOLTS (Juvenile On-Line Tracking System)	AOC	AS/400 JOLTS AOC Server Environment for JOLTSAZ	Juvenile Probation	The state standard system for tracking juveniles in the court system, including juvenile probation, dependency and detention.
JOLTS Storage Area Network (SAN)	AOC	AOC Server	Juvenile	Centralize storage for documents, etc
Tax Intercept Program (TIP)	AOC	Local PC/AOC Server	Now part of FARE	A state standard system for reporting and collecting delinquent debt via Department of Revenue and AZ Lottery.
Windows Vista	Microsoft/AOC staff	Local PC	All courts	The operating system of the state standard desktop PCs.
Other PC/Laptop operating system: Windows XP	Local staff	Local PC	Courts using county PCs	County PCs only

Local Applications				
Application Name	Developed/ Supported by	Resides on ("local PC" or server name)	Courts Using	Description of Application
Network operating system: Windows and Novell NetWare	Local staff	County Server	All	Network O/S
Outlook 2007	Microsoft/AOC staff	Local PC	All Courts	The email and calendaring software used by AJIN.
Other e-mail application: GroupWise	Local staff	County PCs, online thin-client access	All County Courts	e- mail and calendaring software
Microsoft Word	Microsoft/local & AOC staff	Local PC	All	A word processing system.
Excel	Microsoft	Local PC	Superior Court	A spreadsheet product from Microsoft.
McAfee Virus Scan	McAfee	Local PC and Various AOC Servers	All	Virus detection software to protect local PCs.
Data backup / recovery system software: Semantic	Semantic Vendor/Local County IT staff	Local PC	All County Courts	Used for disaster recovery and business continuity
Seagate Info/Crystal Reports/Crystal Enterprise	Crystal/AOC staff	AOC server	Superior Court	A report-writing tool for user ad hoc reports from various applications.
Centra	Centra	Local PC Client and AOC Server	All courts	Software for interactive, instructor-led n-line training

Local Applications				
Application Name	Developed/ Supported by	Resides on ("local PC" or server name)	Courts Using	Description of Application
Fines, Fees and Restitution Enforcement Module for FARE participation	AOC and vendor, ACS	Server	All courts	This is a package of programs for automated transfer of case data to a collections vendor for noticing and collections efforts. It also includes web payment and an IVR interface.
Digital Audio: Product Name: FTR Gold	Local/Vendor	Courtroom PC	Superior Court, JP#1, JP#2	for Courtroom recording
Digital Audio: Product Name: Liberty Recording	Local/Vendor	Courtroom PC	Safford Municipal	for Courtroom recording
Document Scanning Product Name: OnBase 7.0	County IT/Vendor	Local Server	Superior Court	Imaging and OCR
Integration- electronic data reporting of dispositions to DPS	AOC developed and supported.	AOC MQ server	Except Safford Muni and Thatcher Muni	An electronic transaction to DPS with court dispositions.
Integration- electronic data reporting of citations/dispositio ns to MVD.	AOC developed and supported	Local PC and FTP Server	Safford Muni Only	An electronic transaction to MVD for traffic citations.
Jury system: Next Generation	JSI/Jury+	Local PC and Local Jury Server	All courts	Jury management

Local Applications				
Application Name	Developed/ Supported by	Resides on ("local PC" or server name)	Courts Using	Description of Application
Court Web site	County IT/Local staff	County server	Superior Court	Provides general information for participating courts
Interactive Voice Response System	None	--	--	--

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.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)
Applications & Tools			
User Interface Delivery Method for Public Access	Netscape		
User Interface Delivery Method for Business Applications	Character based		
Electronic Document Imaging/ Management	LaserFiche	Kofax	
Report Writer for Ad Hoc Reporting	Crystal <10 MS-SSRS 2000	Crystal ≤10 MS-SSRS 2005	Crystal 10
Report Writer for Business Application Reports	Crystal <10	Crystal 10 MS-SSRS 2005	Crystal 10
Development Languages	COBOL, JAM, RPG, MUMPS, FoxPro	Java (on a business case need basis), ASP (Classic), .NET Framework V1.1	

Architecture Layers	Retirement (targeted for de-investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)
Development Environment	Panther, Visual Studio ≤2003, Visual Studio 6	Visual Interdev, Visual Studio 2005, PowerBuilder, MS-Access	
Source Control	Aldon		
Analysis Tools	HOW		
Word Processing	WordPerfect, Word <2003	Word 2003	Word 2007
Spreadsheet	Excel <2003 Quattro Pro	Excel 2003	Excel 2007
Presentation	PowerPoint ≤2003 CorelDraw	PowerPoint 2003	PowerPoint 2007
E-mail Client	Outlook ≤2003, Lotus Notes, GroupWise (unsupported)	Outlook 2003, Lotus Notes, GroupWise (supported)	Outlook 2007
Instant Messaging	IRC Chat		
Data Architecture			
DBMS	SQL Server ≤2005, FoxPro, Clipper	SQL Server 2005	
Data Warehouse DBMS		Informix XPS	
Data Exchange Model		Fixed format, XML homegrown	
Audio File Format		Proprietary	

Architecture Layers	Retirement (targeted for de-investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)
Networks and Platforms			
Network Protocol	SNA		
Wireless Network Access	WEP		
Network Operating System	Novell (unsupported) Windows (unsupported)	Windows Server 2003	
Client Operating System	≤ Windows 2000	Windows XP	Windows Vista
Server Operating Systems	OS/400, DEC VMS	Windows Server 2003	
Shared Services			
Component Service Layer		Web Services current version, DCOM, ASP (classic)	
Message Transport Middleware			
Message Transport	MQ ≤ V5.2	MQ V5.3	
Data Transformation	Data Junction, MQSI ≤ V2.1	Cloverleaf	
Data Routing/Publish and Subscribe	MQSI ≤ V2.1	Cloverleaf	
File Transfer, Scheduled Production	FTP (intercourt and using public Internet), MQ ≤ 5.2	FTP (intra-court only), MQ V5.3	

Architecture Layers	Retirement (targeted for de-investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)
File Transfer, Ad Hoc	FTP, MQ ≤ 5.2	FTP, MQ V5.3	