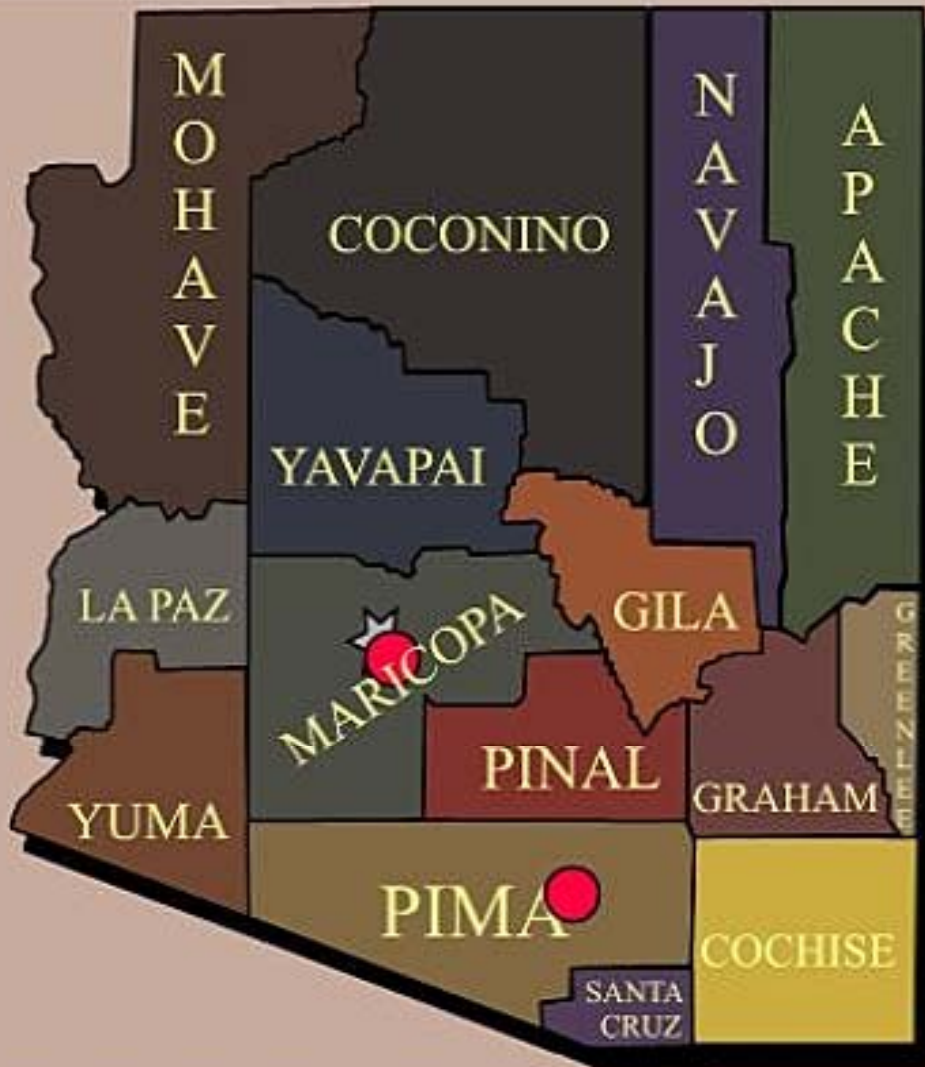


# GRAHAM COUNTY COURTS Information Technology Strategic Plan Fiscal Year 2010-2012



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# GRAHAM COUNTY COURTS

## INFORMATION TECHNOLOGY STRATEGIC PLAN FOR FISCAL YEARS 2010-2012

### INTRODUCTION

This is a three year information technology strategic plan for the courts in Graham County covering the period from January 2009 through June 2012. It was created as an update to the FY09-FY11 plan submitted in March 2008.

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 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:

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

## B. JUDICIARY STRATEGIC AGENDA: STATE AND LOCAL

### B.1. JUDICIAL BRANCH STATEWIDE AGENDA

The courts support *GOOD TO GREAT: A STRATEGIC AGENDA FOR ARIZONA'S COURTS 2005-2010* 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 June 2005 at the direction of the judiciary's new chief justice. It remains consistent with the previous *JUSTICE FOR A BETTER ARIZONA* vision; though several new or revised initiatives have been identified for each of the existing strategic agendas.

### 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)  |
|--|---|---|
| Graham County Superior Court – Clerk of Superior Court | Free up storage space of physical paper files; duplication into more easily storable forms; utilization of State Archival services. | Scanning into electronic storage and replication of files to micro-fiche documents.   |
| Graham County Superior Court                           | Expand public information about court/internet accessibility; court calendars, forms, related departments/agencies, court rules     | Implement new Court Website as part of county-wide project; website will have all desired functionality for superior court. |
| Graham County Superior Court                           | Improve Case Processing to increase efficiency, conserve funds, and improve administration of justice                               | Implement video conferencing between Superior Court courtrooms and County Jail for I.A.s, arraignments, etc.                |

| COURT/LOCAL AGENCY NAME                                      | STRATEGIC AGENDA   | RELATED IT INITIATIVE(S)  |
|--|--|---|
| <b>Justice Court Precincts #1</b>                            | Expand physical office space for increased functionality and increased security of employees.  |   |
| <b>Justice Court Precinct #1 and Safford Municipal Court</b> | 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 an EDMS and be able to do bindovers to superior court.  |
| <b>Justice Court Precinct #2</b>                             | Reduce time scheduled for transportation of defendants for IA and preliminary hearings.  | Implement video conferencing system linked to county jail to hold hearings by remote.                           |
| <b>Graham County Superior Court</b>                          | Find effective ways to reduce costs and be successful as a court through trying budgetary times  | Introducing the use of automated forms at the bench for protective orders, injunctions against harassment, etc. |

## 2008 ACCOMPLISHMENTS AND PROJECT STATUS:

### Superior Court

- **OnBase Implementation:** The County of Graham implemented the OnBase Electronic Data Management System countywide with the Graham County Clerk of the Superior Court as the primary user. The rollout process included the implementation of the OnBase interface with AZTEC. The conversion of LaserFiche data to the OnBase server is complete and integration with AZTEC is finished.
- **Website Project:** Graham County purchased Ektron web-publishing software and is in the planning/training process for the new county website and subsequent department web-pages. The use of Dreamweaver software will be integrated for different capability. The creation process will occur in 2009 and will involve stakeholders from each department in the development of department specific content. The Superior Court Calendar located on the current county website has been improved to incorporate a real time auto-update synchronized with the court's use of the calendar.
- **Network Migration/Enhancement:** In preparation for the Vista PC Rollout in August 2008, Graham County worked with AOC ITD to move all court users countywide to a V-LAN separate from the rest of the county. This migration gave AOC greater access to user PCs for service and support as well as greater security. It also created the environment necessary for the Vista PCs to run correctly.

### Justice Court, Precinct #2

- **Expansion of Office Space:** The construction of new court facility is near completion, which doubles the size of court space; adding technology to court to have video conferencing with jail.

### Safford Municipal Court

- **Local - Digital Recording:** The court purchased and implemented the Liberty Court Recording system in their courtroom and use it daily. This system is digital and resides on hard drive/disk as opposed to cassette tape as before.

## 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 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, 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 both the state-provided applications such as AZTEC, APETS (and Palm), TIP, PIMS, 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:

| Priorities for Ongoing Initiatives   | Priority in Impact/Timing Order*                                       |
|--|--|
| 1. Systemic Thinking Approach to Development and New Projects<br>2. Core Software Support/Maintenance<br>AZTEC<br>JOLTS<br>APETS<br>JUSTIS DW<br>Appellamtion<br>3. Automation Training and Support<br>4. Infrastructure Maintenance | H-S Code Standardization   |
|  | H-S Penalty Enforcement Program  |
|  | H-S Electronic Filing  |
|  | H-S Integration -- ADRS  |
|  | H-S Integration – e-Citation   |
|  | H-S New Case/Financial Management System for Trial Courts              |
|  | H-S Process Standardization  |
|  | H-S JOLTSaz  |
|  | H-M Business Continuity  |
|  | M-S Electronic Document Management                                     |
|  | M-S Internet Public Interactive Service – Minute Entry                 |
|  | M-M Internet Public Interactive Service – Standard Form Data/Fill/File |
|  | M-M Electronic Signatures  |
|  | M-L Technical Training   |
| M-L Enterprise Architecture (ongoing)  |  |

\*Based on relative importance/impact being High, Medium, or Low and predicted time to implementation being Short, Medium, or Long term.

## COURT IT ACCOMPLISHMENTS CY2008

This section lists the accomplishments of the county's courts in information technology projects from January 2008 to January 2009.

| STRATEGIC PROJECT<br>(State or Local) | PROGRAM / PROJECT   | DESCRIPTION   | LOCAL ACCOMPLISHMENT   |
|---------------------------------------|---|---|--|
| Expansion of Office Space             | Expand the facility space for Pima Justice Court and Pima Municipal Court | Add new court room and jury room in addition to remodeling present space into larger office space and space for the public  | The construction of new court facility is near completion, which doubles the size of court space; adding technology to court to have video conferencing with jail.   |
| EDMS Conversion                       | Superior Court EDMS Conversion To Meet State Standards                    | LaserFiche needs to be enhanced to meet e-ROA and e-filing need or OnBase needs to be installed.  | Superior Court implemented OnBase EDMS and converted LaserFiche data over.   |
| Improve Data Exchange                 | Enhance Website   | Add new features to existing website maintained by County IT; Improve info available to public.   | County hired website administrator and purchased Ektron content management system. Improved Superior Court calendar to auto-update with judge's calendar in real-time.   |
| Training/Process Standardization      | Multi-County Field Trainer Project  | With assistance of AOC direction and COT field trainer funds, create Field Trainer position to perform all essential field trainer functions for both Graham and Greenlee Counties with the supervisory involvement of Cochise County Superior Court. | Created an IGA between Graham and Greenlee counties to create the joint county Field Trainer Position. Was completed in Nov. 2008 and the position was filled the same month and began operating to provide training for the court staff in all courts in both counties. |

| STRATEGIC PROJECT<br>(State or Local) | PROGRAM / PROJECT  | DESCRIPTION   | LOCAL ACCOMPLISHMENT   |
|---------------------------------------|--|---|--|
| Local-Digital Recording               | Safford Municipal Court moving to digital recording capability in the courtroom. | The Court had only the use of cassette tape recording ability for court proceedings, and wanted to upgrade to digital recording capabilities to enhance the ability to keep the record. | The court purchased and implemented the Liberty Court Recording system in their courtroom and use it daily. This system is digital and resides on hard drive/disk as opposed to cassette tape as before. |
| Network Infrastructure                | Network Improvement  | Provide greater access to ACAP PCs for AOC to service and support.  | Graham County worked with AOC ITD to move all court users to a V-LAN separate from the rest of the county in preparation for the Vista PC Rollout in August 2008.  |

### COURT PROJECTS MASTER LISTING

This section collects all information technology project-related information for all the county's courts during fiscal year 2009 (really January 2008 to January 2009). 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.

## OTHER LOCAL INDEPENDENT PROJECTS

| Strategic Project Name / Phase                | Brief Project Description  | Planned Completion Date | Current Project Lifecycle Phase | Project Risks, Issues, Concerns  |
|---|--|-------------------------|---------------------------------|--|
| <b>Automated Forms</b>                        | Standardize the forms and use thereof by judges in the county at the bench, by updating and providing electronic forms/signatures to all judges in Superior Court and Justice Courts | FY09                    | Concept                         | Coordination between four judges and achieving standardization and keeping forms current.                |
| <b>Digitize Archive Documents</b>             | convert archival documents into digital images and microfiche formats and send documents to the State Archives   | FY10                    | Concept                         | Cost, Size of documents; The need to transport to vendor off-site; risk of damaging historical documents |
| <b>Electronic Document Management Project</b> | 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.   |
| <b>Enhance Website</b>                        | Add new features to existing website maintained by County IT   | FY10                    | Concept                         | Resources, time, support of county   |
| <b>Video Conferencing/ Hearings by Remote</b> | Implement video conferencing system linked to state/county buildings to attend training/meetings by remote, as well as hold hearings remotely with defendants held in the jail.      | FY09                    | Plan                            | Cost, ability to integrate with jail   |

## 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.

Detail follows for:

- New Juvenile Dependency and Delinquency Management System (JOLTSaz)
- New Case Management System – Limited Jurisdiction
- Justice Integration including criminal filing and electronic citation transfer
- Electronic Filing including transfer between courts and public/attorney case filing

| <b>STATEWIDE INITIATIVE</b><br><b>NEW JUVENILE DEPENDENCY AND DELINQUENCY MANAGEMENT SYSTEM (JOLTSaz)</b>  |   |
|--|---|
| <b>Description:</b><br>JOLTSaz is the next generation of software for automating juvenile court transactions using a single, browser-based, object-oriented version in 14 county probation departments backed with a standard SQL database. JOLTSaz is designed to receive and pass common data elements to Maricopa's ICIS-JOLTS, child welfare agencies, treatment providers, and to the application systems of other criminal justice agencies as a part of the Criminal Justice Information Integration Project. It will rely on portions of the new case management systems and not duplicate their functionality. Conversion of data from the existing JOLTS application will be completed in conjunction with a methodical, county-by-county rollout. |   |
| <b>1. Timeframe in which needed:</b><br>(immediately, next 12 months, 1-2 years, 3-4 years)  | Early to mid-range adopter (Next 12 mos.-1 yr.) |
| <b>2. General Importance or Impact to Courts in County:</b><br>Graham County Probation is anticipating the conversion to JOLTSaz. Probation would like to know what type and amount of data clean up to expect prior to conversion so they have plenty of time to prepare. Court handles dependencies, not probation dept. Is that a change in JOLTSaz?  |   |

**STATEWIDE INITIATIVE  
NEW CASE MANAGEMENT SYSTEM – LIMITED JURISDICTION**

**Description:**

A limited jurisdiction court case management system candidate to replace AZTEC is being selected between one developed by Tempe Municipal Court and a vendor solution based on the AJACS codeset. Both systems will provide program interfaces that permit integration with other automation systems, like electronic citations. AZTEC data conversion and extensive training will be undertaken by the AOC to minimize disruption to local courts during the changeover.

**1. Timeframe in which needed:**

(immediately, next 12 months, 1-2 years, 3-4 years)

Mid to late adopters, depending on court

**2. General Importance or Impact to Courts in County:**

In favor of two systems. Anticipate freeing time for clerks and eliminating re-keying. Concerns for data conversion completeness and amount of training courts will receive. Not certain how easy the learning curves will be on the new system.

**STATEWIDE INITIATIVE  
JUSTICE INTEGRATION**

**Description:**

The Justice Integration Project will enable the sharing of common data elements (those used in the applications of more than one criminal justice agency) between the various levels of the Courts, the county-level criminal justice agencies, the county administrative applications (business related data), and the State-level agencies which have a requirement to store the results of the criminal justice process (case disposition data). Significant benefits will be derived by the elimination of redundant data entry and the timely passing of information. The present requirement for the movement of forms, including the ATTC, as the mechanism for passing data will be greatly reduced by enabling electronic case initiation and updates from law enforcement's handheld devices as well as photo radar and red light camera vendors. DPS's photo radar project is greatly accelerating the timeline of this initiative for justice courts throughout the state.

**1. Timeframe in which needed:**

(immediately, next 12 months, 1-2 years, 3-4 years)

LJ Courts: mid-cycle adopters  
Superior Court: mid-cycle adopter

**2. General Importance or Impact to Courts in County:**

Interested in e-citation function and bindovers from LJ to GJ level, including common case number. Frustrated with MVD electronic reporting. Not interested in the pain of early adoption. Now Using Onbase with AZTEC integration.

**STATEWIDE INITIATIVE  
ELECTRONIC FILING**

**Description:**

Electronic filing focuses on receiving documents 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 an imaging function. The chief justice envisions a statewide e-filing service using an Internet portal for all courts and case types. The portal will also provide parties and counsel with access to case records. Work is getting underway to construct the components of a statewide system and ensure their integration with existing automation systems. Related rules and code changes to support statewide e-filing are also underway.

**1. Timeframe in which needed:**

(immediately, next 12 months, 1-2 years, 3-4 years)

LJ courts: 3-4 years, mid-cycle adopters  
GJ courts: 3-4 years, late adopter

**2. General Importance or Impact to Courts in County:**

Would be important in driving greater efficiency and reducing staff labor/time. It is critical that the project is implemented with integration to EDMS and CMS achieved.

## 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/Pima Muni         | 5             | MS-Vista            |                   |                         | 2                          |
| Safford Muni           | 3             | MS-Vista            |                   |                         | 2                          |
| Thatcher Muni          | 2             | MS-Vista            |                   |                         | 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 AZTEC, TIP, PIMS, JOLTS, and APETS) and also any word processing, spreadsheet, report writing and other database or other tracking applications.

| Local Applications   |                            |  |   |   |
|--|----------------------------|--|---|---|
| Application Name   | Developed/<br>Supported by | Resides on<br>("local PC" or<br>server name) | Courts Using  | Description of<br>Application   |
| AZTEC application software for the Arizona Court Automation Project (ACAP) | AOC                        | Local PC                                     | Superior Court and all Justice and Municipal Courts | State standard case management system.  |
| AZTEC module: Probate case management                                      | AOC                        | Local PC                                     | Superior Court                                      | A module of AZTEC to process Superior Court probate cases.  |
| Other Calendaring  | GroupWise                  | County PC                                    | Superior Court                                      | Electronic Schedule   |
| AZTEC module: Financials   | AOC                        | Local PC                                     | Superior Court, 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/<br>Supported by | Resides on<br>("local PC" or<br>server name)       | Courts Using            | Description of<br>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<br>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   |

| <b>Local Applications</b>                            |                                       |   |                     |  |
|--|---------------------------------------|---|---------------------|--|
| <b>Application Name</b>                              | <b>Developed/<br/>Supported by</b>    | <b>Resides on<br/>("local PC" or<br/>server name)</b> | <b>Courts Using</b> | <b>Description of<br/>Application</b>                                    |
| 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/<br>Supported by      | Resides on<br>("local PC" or<br>server name) | Courts Using                                | Description of<br>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:<br>Product Name:<br>FTR Gold   | Local/Vendor                    | Courtroom PC                                 | Superior Court,<br>JP#1, JP#2               | for Courtroom recording  |
| Digital Audio:<br>Product Name:<br>Liberty Recording                                  | Local/Vendor                    | Courtroom PC                                 | Safford Municipal                           | for Courtroom recording  |
| Document Scanning<br>Product Name:<br>Onbase 7.0                                      | County IT/Vendor                | Local Server                                 | Superior Court                              | Imaging and OCR  |
| Minute Entry System   | None                            | --   | --  | --   |
| Integration-<br>electronic data<br>reporting of<br>dispositions to<br>DPS             | AOC developed<br>and supported. | AOC MQ server                                | Except Safford<br>Muni and Thatcher<br>Muni | An electronic<br>transaction to DPS<br>with court<br>dispositions.   |
| Integration-<br>electronic data<br>reporting of<br>citations/dispositio<br>ns to MVD. | AOC developed<br>and supported  | Local PC and FTP<br>Server                   | Safford Muni Only                           | An electronic<br>transaction to<br>MVD for traffic<br>citations.   |

| Local Applications                   |                            |  |                |   |
|--------------------------------------|----------------------------|--|----------------|---|
| Application Name                     | Developed/<br>Supported by | Resides on<br>("local PC" or<br>server name) | Courts Using   | Description of<br>Application                               |
| Jury system: Next Generation         | JSI/Jury+                  | Local PC and<br>Local Jury Server            | All courts     | Jury management   |
| Court Web site                       | County IT/Local<br>staff   | County server                                | Superior Court | Provides general<br>information for<br>participating courts |
| Interactive Voice<br>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.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<br>(targeted for<br>de-investment)       | Current Court<br>Technology or<br>Product<br>(fill in) | Containment<br>(limited to<br>maintenance &<br>current<br>commitments)               | Current Court<br>Technology or<br>Product<br>(fill in) |
|--|---|--|--|--|
| <b>Applications &amp; Tools</b>                                |   |  |  |  |
| User Interface Delivery<br>Method for Public<br>Access         | Netscape  |  |  |  |
| User Interface Delivery<br>Method for Business<br>Applications | Character<br>based                                  |  |  |  |
| Electronic Document<br>Management                              | LaserFiche  | OnBase   |  |  |
| Report Writer for Ad<br>Hoc Reporting                          | Crystal <10   | Crystal 10   | Crystal 10   | Crystal 10   |
| Report Writer for<br>Business Application<br>Reports           | Crystal <10   | Crystal 10   | Crystal 10   | Crystal 10   |
| Development<br>Languages                                       | COBOL, JAM,<br>RPG                                  |  | Java (on a<br>business case need<br>basis), ASP<br>(Classic), .NET<br>Framework V1.1 |  |
| Development<br>Environment                                     | Panther, Visual<br>Studio ≤2003,<br>Visual Studio 6 |  | Visual Interdev,<br>Visual Studio 2005,<br>PowerBuilder                              |  |
| Analysis Tools   | HOW   |  |  |  |
| <b>Office Productivity Tools</b>                               |   |  |  |  |
| Word Processing  | Word Perfect,<br>Word97                             | Word 2007  |  |  |
| Spreadsheet  | Excel <2003   | Excel 2007   | Excel 2003   | Excel 2007   |

| <b>Architecture Layers</b>    | <b>Retirement<br/>(targeted for<br/>de-investment)</b>                | <b>Current Court<br/>Technology or<br/>Product<br/>(fill in)</b> | <b>Containment<br/>(limited to<br/>maintenance &amp;<br/>current<br/>commitments)</b> | <b>Current Court<br/>Technology or<br/>Product<br/>(fill in)</b> |
|-------------------------------|---|--|---|--|
| Presentation                  | PowerPoint<br>≤2003   | PowerPoint 2007  | PowerPoint 2003   | PowerPoint<br>2007   |
| E-mail Client                 | Outlook ≤2003   | Outlook 2007   | Outlook 2003  | Outlook 2007   |
| Instant Messaging             | IRC Chat  | Office<br>Communicator   |   |  |
| <b>Data Architecture</b>      |   |  |   |  |
| DBMS                          | Informix,<br>Advanced<br>Revelation,<br>DBASE,<br>SQL Server<br><2000 |  | SQL Server 2000,<br>FoxPro, Clipper   |  |
| Data Exchange Model           |   |  | Fixed format, XML<br>homegrown  |  |
| Audio File Format             |   |  | Proprietary   |  |
| <b>Networks and Platforms</b> |   |  |   |  |
| Network Protocol              | SNA   |  |   |  |
| Wireless Network<br>Access    | WEP   |  |   |  |
| Network Operating<br>System   | Novell<br>(unsupported)<br>Windows<br>(unsupported)                   | Windows  |   |  |
| Client Operating<br>System    | ≤ Windows<br>2000   | Windows Vista  | Windows XP  | Windows Vista  |

| Architecture Layers                   | Retirement<br>(targeted for<br>de-investment)                 | Current Court<br>Technology or<br>Product<br>(fill in) | Containment<br>(limited to<br>maintenance &<br>current<br>commitments) | Current Court<br>Technology or<br>Product<br>(fill in) |
|---------------------------------------|---|--|--|--|
| Server Operating<br>Systems           | OS/400  |  | DEC VMS  |  |
| <b>Shared Services</b>                |   |  |  |  |
| Component Service<br>Layer            |   |  | Web Services V1.1,<br>DCOM, ASP<br>(classic)                           |  |
| <b>Message Transport Middleware</b>   |   |  |  |  |
| Message Transport                     | MQ ≤ V5.2   |  | MQ V5.3  |  |
| Data Transformation                   | MQSI ≤ V2.1   |  | Data Junction,<br>Cloverleaf   |  |
| Data Routing/Publish<br>and Subscribe | MQSI ≤ V2.1   |  | Cloverleaf   |  |
| File Transfer                         | FTP (intercourt<br>and using<br>public Internet),<br>MQ ≤ 5.2 |  | FTP (intracourt<br>only), MQ V5.3                                      |  |