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## AGAVE Overview

### Current Status

The court released the first version of the AGAVE application during 2<sup>nd</sup> quarter of 2006. This initial version of AGAVE has allowed the Clerk of the Court to sunset the CMS system that had been utilized by the clerk's office for the functions of:

- Case initiation
- Document imaging
- Non-criminal case receipting

Additionally, an electronic feed was added between the Pima County Attorney's Office and the court which allows for electronic transmission of grand jury cases to the court.

Complete case records were converted from existing systems into the new AGAVE data structure. Incomplete records were supplemented with CACTIS data. Records where extensive research was required remained in a searchable archive system. Users are able to view these records only.

### AGAVE Release 2.0

The goal of AGAVE Release 2.0 is fourfold:

1. Provide structural updates to AGAVE 1.0.

After AGAVE 1.0 was deployed the Administrative Office of the Courts performed a technical code audit of the application. The purpose of this audit was to advise the AGAVE development team of variances between a code generating tool called Visible Developer and the AGAVE 1.0 source code. Where appropriate, these variances will be addressed. Additionally, the development team will upgrade their installation of Visible Developer to the current release. AGAVE was developed using a Microsoft SQL 2000 database. This will be upgraded to Microsoft SQL 2005 as part of the structural upgrades.

2. Incorporate a rules engine to the architecture which allows users to maintain local business rules independently of the actual application code.

Each court has its own unique set of business practices and rules that change over time. In order to incorporate the court's business practices into AGAVE and to provide the flexibility needed for the application to be deployed to other jurisdictions, a rules engine will be built into AGAVE 2.0. This will allow AGAVE to capture specific application events and respond in accordance with the local jurisdictions specific business practices.

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3. Incorporate financial information into a unified system.

Financial information for court cases are currently tracked in three systems within the clerks office:

- *CrimWeb* tracks the obligations and payments made by individuals in a criminal case. It also enables the court to accurately track joint-and-several liabilities.
- *E-Ledger* allows the court to allocate the funds that have been collected through AGAVE and CrimWeb to the various agencies per statute, rule, and administrative order.
- *AGAVE* currently tracks Case Initiation receipting

4. Incorporate functionality currently in the CACTIS application

CACTIS has been utilized by the court for the purposes of case management, calendaring, arbitration, and statistical data collection. CACTIS has only had minor revisions since 1994, when updates were halted pending a new case management system then known as FACTS and now called AZTEC.

### **Key Project Assumption**

One of the major assumptions for the AGAVE Project included in the scope document is that key court staff will be available to participate on the project team as subject matter experts and gatekeepers. The role of these individuals in each phase of the development process is identified in Attachment 1, Resource Requirements.

### **Mission of AGAVE 2.0**

The *primary mission* of AGAVE 2.0 is to provide the court with a replacement of the CACTIS Case Management system. This system is primarily used for case management, calendaring, arbitration tracking and statistical data collection of criminal, civil, and family law cases.

In support of this mission, the following high-level functionality will be included in AGAVE 2.0:

- Scheduling of criminal, civil and family law cases
- Calendaring of criminal, civil and family law cases
- Resulting of calendar events
- Courtroom scheduling
- Case / party termination
- Case status / party status tracking
- Warrant tracking
- Charge and sentence management
- Jail transport list
- Non-judicial resource scheduling
- Maintenance of judge-related information

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- Attorney maintenance
- Attorney assignments
- Judicial performance review survey tracking
- Arbitration
- Statistical and data reporting
- Usage of interpreters on cases
- Rule 8 tracking
- Rule 11 tracking
- Rule 32 tracking
- Advanced search features
- Civil / family law inactivity terminations (Zlacket Rules)
- Settlement Conference tracking
- File tracking
- Case management reports
- CACTIS data conversion
- Data exchanges with the County Attorney, Public Defender, and Legal Defender of attorney and calendar information

A *secondary mission* of AGAVE 2.0 is to include additional financial functionality. In order to do this, the following tasks will be included:

- Integration of CrimWeb and e-Ledger functionality
- Criminal obligations
- Criminal receipting
- Joint and several liability
- Payment processing
- Allocation
- Deposit warrant
- General ledger
- Disbursements
- Victim restitution and IPS check processing
- Data preparation for collections
- CrimWeb and e-Ledger data conversion

### **Excluded from Scope for AGAVE 2.0**

The following items are specifically excluded from the scope of AGAVE 2.0. Some of these items will be included in a future build of AGAVE:

- Juvenile case management and calendaring
- Probate case management and calendaring
- Conciliation Court case management and calendaring (as provided by the current CASA application. Includes appointment scheduling, party/contact information, counselor information, etc.)
- Automated creation of minute entries
- Interpreter per diem tracking

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- Post decree tracking
- Subscription services for external users (attorneys, etc.)
- Alerts to external users (for scheduling events for example)
- Electronic disposition reporting
- E-Signature
- E-filing (other than Lexis-Nexis)
- Re-architecting the application to utilize Appshell
- Re-architecting the application to utilize the Visible code pattern generator
- Re-architecting the application into a three-tier application
- Re-coding financial stored procedures
- Master calendar blocks for judges
- Juvenile financials
- Recoding of existing financial stored procedures
- Bank reconciliation
- Cash bond tracking
- Interface to Pima County Justice Court
- Interface to Tucson City Court
- Data cleansing
- Detailed Rule 11 tracking
- Evidence tracking
- File tracking

### **Project Product**

The implementation of AGAVE 2.0 will have the following effects:

- Court Staff
  - All existing AGAVE users will be upgraded to the AGAVE 2.0 version.
  - CACTIS will be sunsetted and all CACTIS users will be migrated to AGAVE 2.0.
  - The compliance and statistical reporting requirements of the court will be incorporated into AGAVE.
  - Information on reports currently generated by CACTIS will be made available via AGAVE as appropriate.
  - Dual entry of case information (AGAVE/CACTIS) will no longer be required
  - Court data will be present in a single, integrated application
- Clerk Staff
  - All existing AGAVE users will be upgraded to the AGAVE 2.0 version.
  - Individuals utilizing CrimWeb or e-Ledger will no longer need to launch a separate application (financial information will be provided via a single, integrated application).
  - Users will no longer need to manually enter or correct the case caption.
  - Users will no longer need to manually populate judge assignments.

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- External Users
  - All external users currently utilizing CACTIS will be given either a web service or a thin-client interface.
  - External users will be responsible for developing any code to receive return electronic feeds.