



# State of Washington Integrates Justice Agencies and Jurisdictions

## The Business

The Administrative Office of the Courts (AOC) for the State of Washington provides information systems services to all Washington state courts, including Superior Court Juvenile Departments. Professionals interacting with the juveniles use AOC systems to record each youth's activities, health, mindset and progress, providing customers who have a need and right-to-know with as much useful statewide information as possible, in order to enhance the performance of juvenile justice statewide. These highly confidential records enable approved professionals to make the most informed decisions regarding the youth's rehabilitation and care. Approved professionals with secure access to the juvenile's records may include the following personnel:

- Probation Counselors
- Police
- District Attorneys
- Judges
- Court Clerks
- Detention Officers
- Prosecuting Attorneys
- Juvenile Rehab Administration
- Other Juvenile Justice and Care Agencies
- National Juvenile Justice Center
- Legislative Predictive Groups
- Other approved individuals fitting the need-to-know and right-to-know criteria.

## The Challenge:

AOC used four applications to record and process information on each juvenile in their system. These programs—the Judicial Information System (JIS), the Superior Court Management Information System (SCOMIS), The Juvenile Information System (JUVIS), all mainframe-based applications and the Court Automated Proceedings and Scheduling System (CAPS), a web application—needed to be integrated and simplified to enable customers to decrease duplicate data-entry time, to provide a single consolidated view of as much pertinent information about a youth as possible, and for professionals working on a case to access information easily. Juvenile Department customers challenged AOC Senior Project Manager Alan J. Erickson and his team to develop a web-based solution with strict security and the ability to facilitate 800 court customers. Once more, the solution system needed to be deployed using browser-based clients to minimize remote systems management.

“...the technology underlying JCS enables the AOC project team to develop new screens and reports in 3-4 days versus 2-4 weeks using older technology.”

Alan J. Erickson  
AOC Project Manager for the State of Washington



## CASE STUDY – GOVERNMENT

### The Solution:

Working in partnership with Magic Software, Erickson and his AOC project team developed the Juvenile and Corrections System (JCS), converted all historical JUVIS data, and modified the mainframe JIS and SCOMIS applications as well as the web-based CAPS application to hold hands and talk with JCS. Following acceptance testing in early 2005 and customer training, JCS was successfully launched into pilot status and began performing in Yakima and Columbia- Walla Walla Counties in May.

*"JCS links juvenile department referrals and Superior Court (SCOMIS) legal cases," Erickson says. "It uses the link to display related legal case and/or person data entered in SCOMIS, JIS and JIS Calendaring with the referral in JCS. This eliminates the need for juvenile departments to reenter most legal case information on a referral, once a legal case is filed."*

Erickson adds, the integrating of information adds functionality and redundancy is greatly reduced. All relevant data entered in other AOC statewide applications by other court levels are now readily available to Juvenile Department customers from a single database via JCS.

JCS is targeted for statewide implementation by all of Washington's juvenile courts, which includes departments in 35 juvenile judicial districts and their associated detention facilities. JCS will deploy to 33 other juvenile departments statewide within six months.

*"Implementation of the AOC's Juvenile and Corrections Integration (JCI) Project gives juvenile court customers access to a Web application (JCS) that demonstrates the business value of statewide application and data integration with other cornerstone AOC legal case management systems. Juvenile Court referral and detention records are now integrated in a single view with Superior Court legal case activity and information recorded by County Clerks."*

### Benefits:

Besides giving Juvenile Departments more accurate records, JCS puts juvenile courts more in sync with the courtroom. For example, JCS gives users the ability to search and retrieve court orders and warrants quickly and electronically. For the pilot court in Yakima county it reduced the time it takes to book a youth into the court's detention facility from approximately one hour to just 20 minutes. JCS allows for more efficient case flow and status reporting and replaces the outdated automated (JUVIS) and system as well as manual-based business processes.

*"Together, the JCS application and the single JIS database, containing information entered by multiple organizations into multiple JIS legacy and Web-based systems, support those intersecting court business areas and organizations with consolidated information. This eliminates the barriers previously encountered by customers with existing legacy systems," Erickson says. "Data entered by County Clerks in JIS, SCOMIS, and JIS Calendaring can be reused rather than recreated by Juvenile Court staff in JCS or JIS Calendaring. In addition, once Juvenile Department statewide business requirements are agreed upon by stakeholder customers and a known commodity, the technology underlying JCS enables the AOC project team to develop new screens and reports in 3-4 days versus 2-4 weeks using older technology."*

**System Architecture:** JCS runs on a Magic eDeveloper Enterprise Server under Windows and integrates with an IBM OS/390 mainframe using DB2 as its database.

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