



County of San Joaquin Information
Systems Division
San Joaquin, CA
www.sjgov.org

Industry:

Public Sector

Annual Revenue:

US\$1.13 billion

Employees:

6,300

Oracle Products & Services:

Oracle Application Development
Framework
Oracle SOA Suite
Oracle Application Server
Oracle Database
Oracle JDeveloper
Oracle Internet Directory

“With tools like Oracle Application Development Framework and Oracle SOA Suite, we have greatly reduced the complexities of our previous system, thus enabling development staff to focus on business logic and flow, and thereby saving time.”— Jerry Becker, Chief Information Officer, County of San Joaquin Information Systems Division

County of San Joaquin Information Systems Division Modernizes and Integrates Law and Justice Systems

The County of San Joaquin Information Systems Division is the central IT organization serving the County of San Joaquin, which is a midsize California county with a population of more than 600,000. The county’s information systems division supports its systems serving general government, human resources, law and justice, and health services.

Challenges

- Replace an outdated and difficult to maintain warrant system to improve the county’s ability to manage making arrests, issuing warrants, and maintaining histories, and to transition to the new state court system
- Implement service-oriented architecture (SOA) to simplify integration between several county law and justice systems with diverse architectures and transfer law enforcement data to court system’s mainframe
- Ensure the highest level of security for sensitive data

Solution

- Leveraged Oracle tools including Oracle Application Development Framework to create a custom-built, Web-based warrant system to link approximately 15 offices countywide
- Enabled law enforcement officers to log in to the system from anywhere, at any time
- Saved a significant amount of money with the Web-based system by eliminating the need to implement the application on individual desktops and by avoiding the need to hire 5 to 10 additional full time employees for support
- Reduced by one-fourth the time required for law enforcement officers to create daily reports on topics such as number of arrests and status of warrants
- Improved data security by enabling advanced authentication and authorization based on defined users roles
- Streamlined the development process with easy-to-use tools
- Implemented Oracle SOA Suite to integrate various heterogeneous systems across county agencies to integrate data with the court’s mainframe—enabling improved information sharing and decision making
- Enabled dependent systems to share data to ensure accurate, timely handling of law and justice processes