



## Overview

**Country:** United States

**Industry:** State Government

### Customer Profile

Office of the Executive Secretary, Supreme Court.

### Business Situation

Supreme Court sought to develop an online system to assist Magistrates in issuing various orders and enhance information sharing capabilities among all Magistrates, other SC applications and with other agencies.

### Solution

To build a secure web based application for collaboration among magistrates, clerks of courts and various other state agencies.

### Benefits

- Fully searchable, networked database that allows searching based on various attributes.
- Integrated with other law enforcement agencies dramatically reduced response times and increased scalability.

### Software and Services

- IBM WebSphere 5.1
- J2EE 1.4
- SUSE LINUX Enterprise Server 8
- DB2 Enterprise Edition
- IBM Rational Application Developer

## Secure web based eMagistrate System helps Supreme Court in providing critical information to Magistrates that helps them in making informed decisions.

The Supreme Court is responsible for providing 24x7 availability and up-to-date critical information to more than 400 Magistrates across the state. The magistrates use this information to make well-informed decisions on issuing Arrest Warrants, Protective Orders, Bonds and deciding on whether or not to release a person.



## For More Information

For more information about DataConcepts, call (804) 968-4700. To access information using the World Wide Web, go to:  
<http://www.dataconcepts-inc.com/>

## Customer Profile

**Primary Business:** Office of the Executive Secretary provides Procedural, IT, Legal and Administrative services to clerks of courts and magistrates. They also develop course content for continuing education for clerks of courts and Magistrates to keep them up-to-date. The Department of IT is responsible for developing, maintaining and supporting all automated systems. DJIT also provides import statistics to other departments and produces the State of Judiciary Report.

## Situation

The Supreme Court needed an online system to process offenders, maintain a centralized repository of offender information and allow access to previously created processes to all the magistrates in the state. The old system used by the magistrates was a stand-alone application, hosted on their local office PCs. This PC worked in a disconnected mode and the magistrates didn't have the information from other districts readily available to them. Further, this system was not linked to SC Case Management Systems (CMS) and was unable to send the information needed by clerks of courts in an automated way.

SC needed a system that would allow a magistrate, 24\*7, accesses to the data entered by other magistrates all over the state and provide much needed link between CMS and magistrate application. The eMagistrate application is a browser-based application that allows magistrates to issue various processes and provides a real-time access to statewide offender information. The application also interacts with various other applications and agencies to keep the offender data up-to-date. With this kind of information, there is an improved public safety as high-risk offenders can be identified and kept under custody.

## eMagistrate Requirements:

- Secure access to statewide offense and offender information
- Easy entry of information about offense and offender.
- Fully searchable, networked database (full or partial text)
- Provides various reports for offense analysis.
- Allows remote printing of process.
- Allows for system expansion as more processes and Code Sections are added.

## Solution

### The Data Concepts Advantage

eMagistrate is used across the state by Magistrates to issue various processes (Arrest Warrants, Bail Orders, Release Orders etc) for the better public safety.

eMagistrate system is:

- Multi-tiered state of the art J2EE application developed using Java, J2EE technologies, Struts, Hibernate.
- Driven by a browser-based interface using rich client features of DHTML, JavaScript and AJAX to give the web application a desktop application look and feel.
- Integrated with numerous other law enforcement agencies that receive and send data to eMagistrate system.
- Prints bar code on all the forms generated by the system for easier integration with other agencies.
- Available 24\*7.

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Document published Nov 2006

Data Concepts understands the legal constraints faced by law enforcement agencies and can help clients to best comply with policy when dealing with confidential data. We have served clients in the Federal and State government for over nine years and are experienced in providing services and solutions designed to facilitate and expedite data entry and analysis.

## Benefits

### eMagistrate System Benefits:

- Provides 24x7 access to the continuously updated statewide offender data.
- Enhanced Magistrate and other application user's productivity by streamlining process flow and real time data access.
- Better integration with other applications and agencies using automated interface and bar codes.
- Advanced audit trail function protects sensitive information.
- Provides Magistrates with the best available information, thereby helping them in making informed decisions on issuing warrants, setting up bonds and committing and releasing offenders.

## Data Concepts

Data Concepts is helping clients around the world build a solid foundation for business growth. Our focus on delivering quality and realizing tangible results for our customers is paramount to our way of doing business. Here is why you should partner with us:

- Proven track record in delivering cost-effective turnkey solutions of the highest quality across diverse industries, across the globe, on schedule and within the budgeted cost.
- A large pool of skilled and experienced professionals drawn from diverse areas, ranging from systems and software technology to specific industry domains and business practices.
- A partnership approach to the management and execution of projects, ensuring a mutual alignment of goals.
- A proven and mature onsite-offshore methodology to meet the ever-shortening time-to-market expectations.