

Emerald Systems Inc.

JUSTICE & PUBLIC SAFETY

Law Enforcement Information Sharing System

Wisconsin - NWW-RCIS



PROBLEM

Emerald Systems Inc. develops information sharing solutions that address horizontal as well as vertical sharing issues. Systems, like the Regional Crime Information System (NWW-RCIS) for Northwestern Wisconsin, provide law enforcement agencies with access to data in real time. The hub-spoke architecture integrated with indexing technology, provides unlimited expansion for future data and information sharing at the state and national level.

In 1999, sheriffs in northwest Wisconsin needed a method that would allow them to share information regionally and to be able to view data that was no more than 24 hours old. In addition, they needed a better way to communicate with each other on regional matters and cross-jurisdictional issues.

SOLUTION

Emerald Systems Inc., a developer of Internet based real time information sharing systems for government, received an Edward Byrne Grant in 1999 through the Office of Justice Assistance to develop the NWW-RCIS program. The NWW-RCIS Project for northwestern Wisconsin provides Inter-County Law Enforcement with an Internet based program to share data in real time between disparate systems and county agencies. The program provides effective data as well as information sharing and priority messaging between county sheriffs and task forces across the region.

NWW-RCIS was developed to provide a medium in which county law enforcement and drug/gang task forces could access data simultaneously from multiple databases across all participating counties and coordinate results in a timely manner without duplication of effort. The net effect enhances investigation processes and provides for more timely law enforcement, apprehension and prosecution of criminal matters. The program provides key database information on jail, domestic violence, criminal activity, juvenile matters and drug/gang task force investigative issues. The system also incorporates a multi-level hard-wired security access program that ensures data security. In addition, the program provides administrative processing as well as monitoring of log-in access for security control. A multi-level secure messaging system is included for sending priority messages between sheriffs or drug officers. NWW-RCIS provides two primary law enforcement functions: Broad database information access and messaging. Currently, more than 75 agencies in three states have instant access to more than 300,000 records that are no more than 24 hours old.

Sheriffs also wanted to address public information issues. The system was therefore designed to provide web sites for all participating sheriffs outlining information on all of their respective programs. The public site also provides drug related information, special links for public use, access to jail information and a link to the National center for Missing and Exploited Children.

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Partner Overview

Solution Profile

Internet based Real Time Information Sharing System for Law Enforcement

Line of Business

Emerald Systems Inc. is a developer of records management and information sharing systems that address Jail Management, Juvenile, Probation and Law Enforcement.

Solution

- Real Time Access to Information
- Fast Data Query
- Accelerates Investigations

Software and Services

Microsoft SQL Server 2000
To .NET in 2003
Microsoft IIS 5.0
Microsoft VB, ASP, Script
Emerald JADE IITM, PETSTM

Government Partner

Emerald Systems Inc.
201 Walnut St., Spooner, WI 54801
715-635-9447
Philip Brandsey
www.emeraldsys.com