

## Sex Offender Registration & Tracking System

### PROBLEM

Law Enforcement agencies struggle to maintain accurate information on sex offenders as they move from location to location both in and out of the agency's jurisdiction. Federal regulations, such as the Adam Walsh Child Protection and Safety Act\*, require vigilant monitoring and registration of sex offenders who reside in or visit local areas. To maximize their effectiveness, investigators need a comprehensive tool that provides for quick registration and information sharing of offender data, vehicles, and cases across multiple agencies. Until recently, such a cross-platform, cross-agency system did not exist, leaving investigators in the cold. But thanks to the breakthrough capabilities of Microsoft's .NET technology, a solution is now available.

### SOLUTION

Emerald Systems' SORT system is a Web-Based sex offender registration application that offers advanced access to sensitive information within a secure architecture. SORT allows agencies across a region, state or nation to work together in the tracking and registration of sex offenders.

**Collaborate and interact across agencies.** SORT provides extensive offender management capabilities, including charge and intelligence information. Investigators can search for information across multiple participating agencies in Real-Time as well as cross reference data on people, vehicles, cases, arrests, and intelligence. External agencies at the local, state and federal level can be invited to share offender data and accumulated information. Suspect or case "jackets" can be e-mailed to those who have a need to know.

**Securely track sensitive information.** SORT tracks every piece of information that is required and vital to sex offender registration. Cases are automatically secured against unauthorized searches with a pointer provided for reference. Intelligence is selectively secured and measures are taken to ensure compliance with 28 CFR Part 23 Intelligence sharing guidelines. SORT employs seven hard coded levels of role based internal security. SORT also features a Log On monitor as well as an anti denial-of-service protection.

**Conduct cross-referenced data searches.** SORT allows you to search across all participating agencies, even facilitating cross-referenced searches for people and vehicles. Authorizing cross referencing against a person under an investigation will provide detail from all agencies, including all intelligence, where an offender is part of an active or inactive investigation.

\*The Adam Walsh Child Protection and Safety Act was signed into law by U.S. President George W. Bush on July 27, 2006. The legislation organizes sex offenders into three tiers, and mandates that Tier 3 offenders update their whereabouts every three months. Failure to register and update information is made a felony under the law. It also creates a national sex offender registry and instructs each state and territory to apply identical criteria for posting offender data on the Internet (i.e., offender's name, address, date of birth, place of employment, photograph, etc.).

**Learn More.** For more information, please contact Emerald Systems, Inc. at 715-656-7557, or [sales@emeraldsys.com](mailto:sales@emeraldsys.com).

## Emerald Systems – A Leader in Real-Time Web-Based Information Management

A St. Croix Chippewa Enterprise



### Solution Profile

SORT Sex Offender Registration & Tracking System

### Line of Business

Web-Based applications for the Justice & Public Safety market that address broad information sharing, security, and ease of use

### Solution

- Share information with other agencies
- Upload to national sex offender registration systems
- Single Fingerprint recognition
- Interface to Livescan fingerprint units
- Complete on-going address history
- Charges
- Vehicle information with history
- Mug shots, scars/marks/tattoos photos
- Case Notes
- Internal secure communications



### Software and Services

Microsoft ASP.NET 2.0  
SQL Server 2005  
Microsoft Windows Server 2003  
Microsoft IIS 6.0  
Microsoft Word



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