



**ILLINOIS
CRIMINAL JUSTICE
INFORMATION AUTHORITY**

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Memorandum

To: Authority Members

From: Steve Prisoc
Associate Director, Information Systems Unit

Date: May 22, 2003

Re: Information Systems Unit Report – June 6, 2003 Authority Meeting

This memorandum highlights work performed by the Information Systems Unit.

Illinois Integrated Justice Information Systems (IIJIS) Project

Since the last Authority meeting, the following progress has been made on the IIJIS Project:

- IIJIS project staff completed analysis of the criminal justice agency information management surveys, which were sent to a statewide, geographically stratified sample of police departments, sheriffs' departments, state's attorneys' offices, circuit court clerks' offices, and probation departments. The overall response rate for these surveys was 55 percent. The summary of responses to each of the five surveys is posted on the IIJIS website at www.icjia.state.il.us/iijis. Overall, the survey results illustrated that even in jurisdictions where justice agencies have developed various automated systems, very little electronic data exchange is taking place between agencies. A summary report of the survey findings is now being written, and will be posted to the website by mid-June.
- IIJIS project staff completed analysis of Cook County justice information exchange points. Documentation produced by the Cook County Exchange Points Work Group has been validated through the use of audit reports generated by the exchange points software, and through follow-up meetings with key subject matter experts. IIJIS staff is now reconciling the Cook County data elements with XML tags derived from the Justice XML Data Dictionary supported by the Department of Justice. These reconciliation reports for common justice system documents – such as arrest reports, rap sheets, and the state arrest card – are being posted on the IIJIS website. Other Illinois counties will be able to use this information in conjunction with their own integration efforts.

- IIJIS project staff are working with the State University of New York (SUNY), Albany's Center for Technology in Government, to develop a tool for assessing the capability of states, counties, and local jurisdictions to implement information sharing projects. Staff is providing feedback regarding the ability of the instrumentation to accomplish its objectives. The tool is intended to cover all key areas of integration readiness including: analysis of business requirements, agency level readiness for collaboration, governance, project management, stakeholder identification and engagement, information policies, identification of security requirements, and overall technology knowledge. The plan is for Illinois to serve as a pilot test site for this tool.
- IIJIS project staff participated in the Cook County integration planning initiative by serving on policy and technical committees and taking a lead role in a standards work group. This work has culminated in the drafting of a Cook County Integrated Justice Strategic Plan. Staff has also provided review and assessment of grant proposals from the Chicago Police Department and the Clerk of the Circuit Court Clerk of Cook County for interagency data sharing initiatives that serve as proof-of-concept projects for integration. This oversight will help to ensure their compatibility with statewide integration objectives.

The Authority's Web Page

The Authority Website: During the last quarter, the Authority's Website was modified to conform to the State of Illinois' Website template. These templates bring the Website into compliance with the Illinois Technology Office's standards for agency Websites.

CJ Dispatch: The CJ Dispatch is the Authority's twice monthly, web-based mailing list. The CJ Dispatch lists new items on the website, new publications, and upcoming grant opportunities. Currently, over 1,200 users are subscribed to the list.

The IIJIS Website: The IIJIS section of the Website was also updated, improved and provided with navigation features similar to that of the Authority's main Website.

The Authority Intranet: The Authority's internal Intranet continues to expand: fresh agency news items are posted weekly and agency announcements are posted as needed. The Intranet provides a central location for electronic forms, agency news and policy documents that can be accessed from each staff person's desktop computer.

The Authority's Information Systems for Law Enforcement

ALERTS: The Illinois Criminal Justice Information Authority has continued to add additional devices and users to the ALERTS DataTac 2.0 mobile data network that was recently made operational in Henry County, Illinois. The Authority is working with Central Management Services to move to the CMS IWIN production server over the next several months. Staff attended the Illinois Wireless Information Network conference on April 17 and 18 in Springfield, Illinois. The Authority continues to work with Central Management Services, Illinois State Police, and the IWIN user group to research new wireless technologies for the next generation of mobile data networks.

ALERTS Advisory and Policy Board: The officers of the ALERTS Advisory and Policy Board met on March 14, 2003. Board members discussed recent efforts to encourage mobile data interoperability through the new Illinois Wireless Data Interoperability Group. Staff reported on the status of new base station replacements, the wireless local area network project, and research into middleware software that could provide interoperability among different wireless data networks within the state of Illinois.

PIMSNet: Authority staff are nearing implementation for PIMSNet, and are working to customize PIMSNet to meet the needs of existing PIMS users. Staff recently requested additional customization that will be needed prior to going live with the first agency, the Mount Prospect Police Department. A staff member also attended the CRISNet User Conference on May 8-10, 2003, and was trained to create customized management reports and modify custom HTML forms for the new PIMSNet system.

The InfoNet System

Ninety-five domestic violence and sexual assault programs access InfoNet from more than 140 sites throughout the state. Since the Authority last met, the InfoNet team continued to maintain the system for current users while modifying pages to accommodate the needs of existing and new users of the system. Some specific accomplishments during the past quarter follow.

InfoNet staff worked closely with the V-One Corporation to troubleshoot problems related to an upgrade in the software used to secure the InfoNet Web site. V-one provided onsite and offsite assistance to identify and resolve issues related to the translation of Web pages by the security server and firewall.

Staff also continued to meet to discuss database changes necessary to support a new group of users: child advocacy centers. The database structure was finalized and programmers started to prototype new Web pages based on the requirements developed in partnership with the child advocacy centers.

In addition, staff worked to migrate a multi-service agency's sexual assault and domestic violence data to InfoNet. This agency was not brought online previously because they enter data into a larger system and we wanted to avoid redundant data entry. Meetings

were convened to develop requirements for data imports, and a new module was designed and implemented to facilitate the import of service records into InfoNet.

Staff also worked to improve the efficiency and performance of the existing system. One new server was setup and placed into the production environment to enhance system performance; six Web pages were consolidated into two; programmers started to mock-up current ASP pages using .Net technology; and a new logging utility was developed to facilitate the capture and analysis of system errors. Further, staff also continued to work closely with current users of the system by convening two User Group meetings and responding to requests for customer and technical assistance.

Customer Service Activities in support of ALERTS, PIMS, ALECS and InfoNet

ISU Customer Service staff members performed nineteen support-related site visits to law enforcement and emergency service agencies between February 15, 2003 and May 13, 2003. A breakdown of these visits by application follows:

- ALECS - 6 site visits
- ALERTS - 7 site visits
- PIMS/PIMSNET - 5 site visits
- Infonet - 1 site visit

A total of 825 calls for information systems support were handled between February 15, 2003 and May 13, 2003.

Improvements to the Authority's Networking Infrastructure

A total of 58 new computers were procured to replace aging desktop equipment; these have been configured and deployed.

The Systems Support Unit has assembled an experimental network to test the latest, 32-bit version of ALECS. The network includes computers running a full range of Windows operating systems (95, NT, 2000, XP) to eliminate any potential bugs and to make the software entirely platform-independent.