



Symposium Highlights

Successful 2004 Symposium on Justice Integration and Homeland Security



The Symposium drew more than 800 participants and 50 exhibitors.

Highlighted Events

- Keynote Addresses from Office of Justice Programs Officials
- Homeland Security Officials Participate
- Case Studies of Integrated Justice Efforts
- Biometrics and Emerging Technologies
- Operational Technology Showcases, and Much More

The *2004 Symposium on Integrated Justice Information Systems: Supporting the Homeland* was held March 22-24 at the Hyatt Regency Crystal City in Washington, D.C. This year's Symposium was a great success with a remarkable turnout, especially during these times of shrinking state and local budgets and funding constraints. This was the fourth SEARCH Symposium to focus exclusively on Integrated Justice Information Systems. Homeland security funding is having a significant impact on information sharing initiatives in states, and that issue was a topic of discussion in various plenary and roundtable discussions during the event.



Domingo Herraiz

Domingo Herraiz, Deputy Director of Programs, Bureau of Justice Assistance (BJA), Office of Justice Programs, U. S. Department of Justice (DOJ), presented opening remarks, and **Deborah J. Daniels**, Assistant Attorney General, Office of Justice Programs, U. S. DOJ, was a Keynote Speaker. **J. Patrick McCreary**, Senior Policy Advisor, BJA, and **Kenneth Gill**, Technology Advisor, BJA, participated in a significant plenary panel on understanding business processes and the critical importance of the latest information exchange tools.



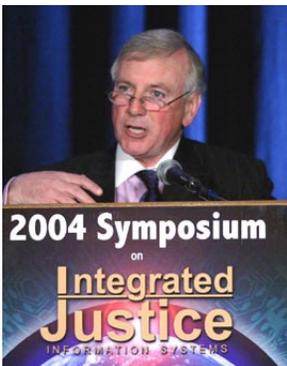
Nuala O'Connor Kelly

Other highlighted speakers included: **Richard A. Russell**, Principal Deputy Director, Information Analysis and Infrastructure Protection, U.S. Department of Homeland Security; **Nuala O'Connor Kelly**, Chief Privacy Officer, U. S. Department of Homeland Security—who discussed how the expanding use of criminal history and personal information impacts privacy protections; **Michael Vatis**, Executive Director of the Markle Foundation Task Force on National Security in the Information Age; and recognized privacy issues expert **Robert R. Belair**, SEARCH General Counsel, Oldaker, Biden & Belair. Business “guru” **Daniel Burrus**, Burrus Research Associates, Inc., shared insightful tips on how to manage organizations in a shifting technological climate.



Michael Vatis

This important event drew more than **800 justice, public safety and homeland security executives, managers and technologists representing federal, state, local and tribal agencies**. State and local agency teams from **46 states** and the District of Columbia attended, as did teams from Belgium, Canada, Guam, Italy, the Northern Mariana Islands, Norway, South Africa, England and Wales. A technology Tradeshow featured services and solutions by more than **50 exhibitors**.



Robert R. Belair

A Roundtable of state and regional Homeland Security Directors from North Carolina, Missouri and Utah addressed how to coordinate justice integration and homeland security, and its impact on the justice community. In another Roundtable, **John D. Woodward Jr.**, Director of the U.S. Department of Defense’s Biometrics Management Office, and others discussed how biometric technologies are transforming justice operations.

In seven **Case Study Sessions**, attendees learned how jurisdictions from Connecticut, Nebraska, Southern California, Nevada, Arkansas, Minnesota and New Mexico State/Tribal jurisdictions addressed policy, operational and technical levels of integrated justice efforts.



John D. Woodward Jr.

Breakout sessions of great interest to technologists included two sessions on **technical tools and architecture**, including Web services, service-oriented architecture and Extensible Markup Language (XML). Other technical sessions focused on the new Global Justice XML Data Model (GJXDM), which is expected to jump-start integration projects, and a discussion on practical current applications of GJXDM. The session on building a security layer for the justice enterprise also generated a great deal of interest from participants.

The four days of interactive events included two concurrent Pre-Symposium workshops held on Sunday, March 21: Critical tips on planning and implementing justice information systems, and the power of XML—the Web language for data exchange.

In all, **90 speakers** supported the two daylong workshops, plus **32 breakout and plenary** sessions were held over three and one-half days.

SEARCH also demonstrated two new tools for justice and public safety agencies:

- The **Justice Information Exchange Model (JIEM)** Tool, a Web-based software designed to facilitate integrated justice information systems planning and implementation. See www.search.org/integration/info_exchange.asp.
- The **Justice Technology Resource Center (JTRC)**, SEARCH's free enhanced online resource for justice information technology software, consulting services and procurement needs. See www.search.org/jtrc.



Ronald P. Hawley

Ronald P. Hawley, SEARCH Executive Director, and **Kelly J. Harris**, SEARCH Deputy Executive Director of Programs, set the tone of the 2004 Symposium by urging all attendees to participate fully in the discussions and workshops, and challenging them to use all the resources available during the sessions.

Additional highlights of this event will be shared in this newsletter through photos and summaries of the events. For detailed information about the speakers and sessions, as well as access to many of the presentations, visit <http://www.search.org/conferences/2004symposium/default.asp>.



Questions from the audience are an integral part of SEARCH Symposia.

“Many participants traveled great distances to attend the Symposium. Our turnout was remarkable, especially in these times of shrinking state and local budgets and funding constraints in general.”

—Kelly J. Harris
SEARCH Deputy
Executive Director-
Programs

■ Excerpt from Kelly Harris’ Keynote Address

“With the Office of Justice Program’s leadership, in the last five years we have seen a structured and consistent approach to effectively share information among justice agencies. In all of this work, justice practitioners have been substantively engaged in developing solutions, both policy and technical, for all of us to leverage.



Kelly J. Harris

We have an opportunity at this Symposium to learn about operational experiences as well as new tools and resources to assist practitioners as they address the complex governance, planning and implementation of integrated justice information systems.

The goal of this event is to clarify the vision for justice information sharing and its support of the homeland. Our objective is to bring some order and structure to this vision through thoughtful and effective strategic planning and answer these questions:

- How do we build operational systems that meet our daily justice needs *and* support homeland security through integrated justice?
- How do the lessons learned, successes and failures with integrated justice impact broader sharing efforts, such as those dealing with homeland security and communications interoperability?
- What tools have been developed to help us meet our information sharing objectives?
- How do they relate, and how can we use them?

And of course, this event will provide insights on the perennial challenges of leading and managing people; after all, these projects are fundamentally by and for people.”

Burrus Buzzwords

The *visible future*™ is the part of the future that you can see.

To see the future, think both/and.

When planning for the future, remember that the present is obsolete.

Time is the currency of the new economy.

Failing to plan is planning to fail in disguise.

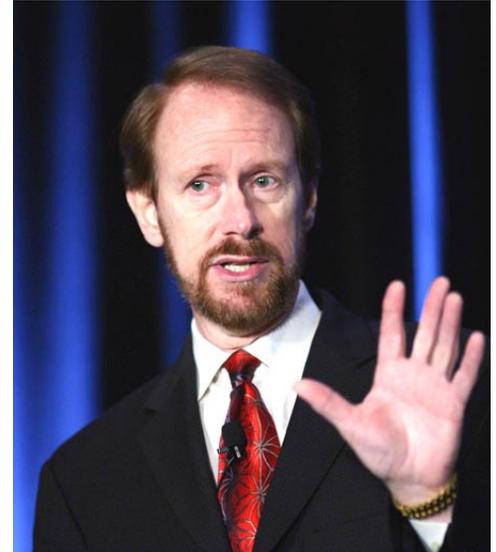
It has been said that we are in the Information Age. To thrive in the 21st Century you need to be in the Communication Age.

Burrus Prepares Attendees for the Next Wave of Technology

Daniel Burrus, Burrus Research Associates, Inc., presented compelling evidence to support his view that change is opportunity, and offered practical insights on how to manage an organization in a shifting technological, demographic and economic climate.

Mr. Burrus is known as a technology futurist, forecaster, strategist, and guru. He is the author of six books, including the highly acclaimed *Technotrends*. Mr. Burrus has established a worldwide reputation for his exceptional

record of accurately predicting the future of technological change, and its direct impact on the business world. During his presentation at the Symposium, he resembled comedian George Carlin as he tossed out rapid-fire predictions and solutions to managing change in the 21st Century. Even the technologically savvy Symposium audience was swept up in his humorous anecdotes and sound-bite rhetoric, and when Mr. Burrus rattled off his Website address, the entire room of 800-plus rustled for paper and pen to write it down. Visit his Website at <http://www.burrus.com/>.



Daniel Burrus



Mr. Burrus captured the audience's attention with his entertaining and insightful presentation.

Plenary on Privacy in the Information Age Prompts Lively Q & A

“The states must do better in providing faster and cheaper access to our data, but we cannot and should not give up our standard of positive identification and data quality, especially now when our citizens’ privacy rights are being challenged. What better way to protect your privacy but by insisting on positive identification when the release of information may impact your life, your livelihood, and your family.”

—Liane Moriyama
Administrator
Criminal Justice
Data Center
Hawaii Department
of the Attorney
General

Nuala O’Connor Kelly, Chief Privacy Officer, U.S. Department of Homeland Security; Robert R. Belair, SEARCH General Counsel, Oldaker, Biden & Belair; Liane Moriyama, Administrator, Criminal Justice Data Center, Hawaii Department of the Attorney General; and Michael Vatis, Executive Director, Markle Foundation Task Force on National Security in the Information Age, discussed how the expanding use and accessibility of criminal history and personal information impacts statutory privacy protections and public expectations. Ms. O’Connor Kelly, the first statutorily required privacy officer at any federal agency, fielded a number of questions regarding the Department of Homeland Security’s privacy policy and compliance efforts.

SEARCH Member Moriyama Urges States Not to Compromise High CHRI Standards of Data Quality



Liane Moriyama

In Ms. Moriyama’s presentation, *Privacy and the States’ Perspective from the Central Repository*, she discussed the value of the central repository of criminal history record information, and the alarming trend toward bypassing the states’ central repositories because of the growing demand for faster and cheaper information. Ms. Moriyama warned against lowering the quality of criminal history background checks. “Faster

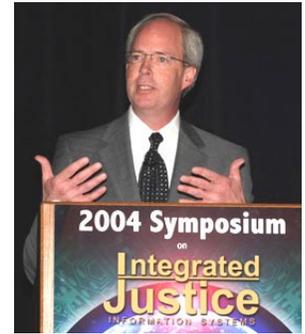
dissemination of bad data is just that, bad data,” said Ms. Moriyama. “If what this nation wants is quality information above all else in order to make the crucial decisions that are occurring with such high frequency, then we should be turning to the source and to the states.” For Ms. Moriyama’s presentation, visit <http://www.search.org/conferences/2004symposium/presentations/tuesday/privacy.doc>.

International Principles of Integrated Justice Explored

“The integration of justice, public safety and really *governmental information* transcends the day-to-day operational needs and priorities of justice agencies and becomes, in light of the terrorist attacks of September 11, a *national and international security imperative.*”

— David J. Roberts
Director of Integrated
Justice Programs
Unisys

During a working lunch at the Symposium, David J. Roberts, Director of Integrated Justice Programs for Unisys, discussed integrated justice planning in the United Kingdom, European Union, Australia, Hong Kong and Canada, and the importance of moving the U.S. Global Justice Sharing Initiative to a “truly” global perspective. He noted that some of the challenges to universal integrated information systems include the need to expand the reach of our “community of practice” to embrace our colleagues in the international community, which includes being sensitive to different languages, legal systems and cultures.



David J. Roberts

Mr. Roberts outlined universal integrated justice information systems objectives:

- **Definition:** The ability to share critical information at key decisionpoints throughout the whole of the justice enterprise.
- **Scope:** Recognition that the boundaries of the enterprise are increasingly elastic.
- **Goal:** Get the right information, to the right people, *all* of the time—underscores the need for dynamic information exchange.
- **Objectives:** Improve public safety and homeland security; enhance the quality of justice; and gain operational efficiencies and return on investment.

Mr. Roberts is a former Deputy Executive Director of SEARCH. To view his presentation, visit <http://www.search.org/conferences/2004symposium/presentations/wednesday/global.ppt>.



Working lunches are a common feature at SEARCH Symposia.

Case Studies Demonstrate Successful Approaches to Integrated Information Systems and Unique Challenges

This year several more case studies were added to the Symposium Case Study Series due to participant interest in learning how other jurisdictions have been successful in their efforts to integrate systems. Once again, high attendance and thought-provoking question-and-answer sessions proved that case studies are a valuable learning tool.

The seven state and local case studies demonstrated some fully integrated systems in place, and others described difficult challenges facing their jurisdictions. State and local justice officials closely involved in these efforts spoke about the policy, operational and technical issues and experiences associated with their jurisdictions' efforts to plan for, design, implement and manage their justice information systems integration. Case Study sessions included the following:

Connecticut justice practitioners used the concepts of enterprise architecture and interoperable infrastructure to develop a successful state and local offender-based tracking system. Panel: Thomas J. Basile, James R. McGavin, John D. Murphy Jr., Linda Ruff, Theron A. Schnure

Nebraska designed an Internet portal-based system for local, state and federal justice agencies to access a variety of data and services, including criminal histories, jail holds, probation, corrections, DMV, mugshots, court and other databases. Panel: Jon M. Downey, Michael Overton, Lt. John J. Shelton, Rod Warner

Southern California is working on a regional integrated justice effort that includes building both data and voice enterprise systems in two counties. Panel: James R. Davis, Erin Kenneally, Pamela Scanlon, Thomas A. Zoll

Nevada state and local representatives have rolled out a multi-county integrated justice system incorporating XML technology. Panel: Steve Albertsen, Ron Titus, Noel S. Waters



Nevada Case Study Panel

Minnesota Case Study in the News

Federal Computer Week published a story on March 22, 2004, "Biometrics Reduces Case Backlog. Minnesota officials use technology to match data to suspects," from information gained while attending the Symposium Case Study session, "Biometrics and Integration: The Minnesota Initiative." To read the article and learn more about this Case Study, visit <http://www.fcw.com/fcw/articles/2004/0405/tec-minn-04-05-04.asp>.

New Mexico is making a ground-breaking effort to share DUI and other data among the tribes and the state of New Mexico. Panel: Chief Jeffrey Hepting, Maria Emilia Martinez, Ada Pecos Melton

Arkansas representatives built an investigative information system that 1,400 state and local agencies use to access booking data, offender photos, charges, hot files and warrants. Panel: Michael Davis, Kathy J. Gattin, Hon. Terry L. Crabtree

Minnesota justice agencies are building an integrated justice information system based on biometric technologies, and they are using message broker-based middleware, LiveScan fingerprint technology and reengineered business practices to link fingerprints, criminal history records and operational agency records. Panel: Hon. Thomas G. McCarthy, Insp. Thomas Merkel, Jerrold Olson, Carolyn M. Renn

Attendees had the opportunity to gain valuable political, operational and technical insight from each of the case studies, which could be applied to justice and other information sharing initiatives such as interoperability and homeland security.



Case Study sessions are a popular and valuable component of SEARCH Symposia.

■ Complicated Tribal Systems Present Unique Challenge to Integrated Justice Efforts



Ada Pecos Melton

Ms. Ada Pecos Melton, President of American Indian Development Associates, offered background information on tribal justice structures, and presented an overview of the ground-breaking New Mexico Crime Data Project (NMCDP) and its goals. This project is grappling with complex data sharing issues involving traditional justice systems and tribal

sovereignty. At this stage of the project, they are identifying strategies for enhancing intergovernmental relations and developing agreements between tribes and the state to share critical justice data.

Ms. Melton's presentation discussed key steps a tribal nation and a state must take in order to begin formally sharing information. She highlighted a number of unique challenges, including:

- Many Pueblos do not have a "separation of powers" structure. They may include modified bureaucracies often combining executive, legislative and judiciary functions.
- Basic philosophical differences in justice exist among federal, state and tribal entities, and this complicates the efforts to preserve their cultural heritage.
- Non-Indians cannot be prosecuted by Indian law even when a crime happens on Indian land.
- Jurisdiction issues in cases of children of interracial marriages.

See the New Mexico Case Study PowerPoint presentation at <http://www.search.org/conferences/2004symposium/presentations/wednesday/casestudy5.ppt>.



Members of the New Mexico Crime Data Project

The Justice Information Exchange

Model (JIEM) Tool[®]—this Web-based software is designed to facilitate integrated justice information systems planning and implementation. The JIEM Project describes data sharing by:

- the agencies participating in the exchange
- the event and process that trigger the exchange
- the actual information that is transferred
- the conditions that may cause variations in the process

The JIEM Project is operated by SEARCH, through funding from BJA, U.S. DOJ. See www.search.org/integration/info_exchange.asp.

Justice Information Exchange Model Project Facilitates Planning and Implementation

The Justice Information Exchange Model (JIEM) Project was the topic of plenary and breakout sessions on both non-technical and technical levels of discussion during the Symposium. Primary topics included:

- JIEM project history
- Conceptual framework underlying the JIEM
- Benefits of using the JIEM
- How to get started using the modeling tool
- JIEM Reference Model version 1.0
- The critical linkage between the JIEM and the Global Justice XML Data Dictionary (GJXDD)



The JIEM Project allows justice agencies to use a Web-based tool to document, analyze and enhance business processes and information exchanges in support of integrated justice. Dozens of state and local justice enterprises have used the tool to incorporate their information exchanges, which has resulted in SEARCH being able to *identify* and *standardize* nearly 700 universal exchanges within the justice process.

“Those standardized exchanges build a ‘reference model’ and are an amazing resource to help new jurisdictions using JIEM and planning their integrated justice system to build upon—instead of reinventing—the hard work and research of other jurisdictions,” said Amir Holmes, SEARCH Justice Information Specialist. “It has great potential as we broaden information sharing to first responders and homeland security.”

Understanding those universal exchanges has also played a key role in developing the Global Justice XML Data Model, a data sharing standard that jurisdictions are adopting around the country.



Amir Holmes, SEARCH Justice Information Systems Specialist, demonstrates the latest version of the JIEM Modeling Tool[®], and shows how it can facilitate justice information sharing efforts and the recent developments with Global Justice XML. Hands-on demonstrations of the JIEM Modeling Tool during the Tradeshow resulted in a huge post-Symposium demand for more JIEM training classes.

Justice Technology

Resource Center

Bringing

justice

organizations,

vendors

and software

solutions

together

New Justice Technology Resource Center Unveiled

Many attendees stopped by the SEARCH booth at the Symposium Tradeshow for a demonstration of the new Justice Technology Resource Center (JTRC), SEARCH's free enhanced online resource for justice information technology software, consulting services and procurement needs.

"We had overwhelmingly positive responses from both justice agency representatives and vendors who saw a demonstration of the JTRC," said Sarah Jones, Program Coordinator. "Many agency representatives commented on how useful this resource would be to them."

Since the Symposium, the number of registered JTRC users has increased by almost 100, which brings the total number of registered users to approximately 700. And nearly 50 more software products and consulting services have been listed by vendors in the past few weeks.

The JTRC offers agencies the ability to:

- Research justice software solutions and consulting services
- Post procurement documents for bid by software vendors
- Review procurement documents prepared by peer agencies
- Serve as a reference for software products

The JTRC is operated by SEARCH through funding from the Bureau of Justice Statistics, U.S. DOJ. See <http://www.search.org/jtrc>.



Sarah Jones, Program Coordinator for the Justice Technology Resource Center, demonstrated the JTRC at the Symposium Tradeshow.

Symposium Exhibitors

ACS Enterprise Solutions
Advanced Technology Systems (ATS)
AmCad
Appriss, Inc.
Aware, Inc.
Bull
Bureau of Justice Assistance
CIBER, Inc.
Constellation Justice Systems
Cross Current Corporation
Datamaxx Group
Dynamic Imaging Systems, Inc.
Fox Valley Technical College
IBM
Icon Software Corporation
Identix Identification Services
Imagis Technologies Inc.
Information Builders
Integrated Digital Systems
Intergraph Public Safety
ISD Corporation
Judicial Dialog Systems, Inc.
Justice Systems, Inc.
L-3 Communications
Magic Software Enterprises, Inc.
MetaMatrix
Microsoft Corporation
Motorola, Inc.
MTG Management Consultants
National Center for State Courts
National Governors Association
National Institute of Justice
NEC Solutions America
NETdelivery
New World Systems
Northrop Grumman
PEC Solutions, Inc.
Power Phone, Inc.
Quovadx
SAIC
Salvaggio, Teal & Associates
SEARCH
Search Software America
Sierra Systems Consultants, Inc.
TCS America
Templar Corporation
TIBCO Software, Inc.
Tiburon, Inc.
Tyler Technologies, Inc.
Unisys
URL Integration, Inc.
VisionAIR, Inc.
XAware, Inc.

Latest Technologies and Applications Demonstrated at Tradeshow

More than 50 exhibitors demonstrated the latest integrated systems technology at the Symposium Tradeshow. Attendees streamed through the exhibits during breaks and at a special evening reception. The Tradeshow was open two days to demonstrate information-sharing solutions developed specifically for the justice field. Attendees visited the Tradeshow to meet and learn from public- and private-sector exhibitors and vendors whose products, services and resources were displayed in the Exhibit Hall. Vendors demonstrated the latest integrated justice technical solutions, answered attendees' questions, and provided insight and personal experiences about their integrated systems.

SEARCH would like to thank Unisys, Sierra Systems, SAIC, Northrop Grumman, NEC Solutions America and Oracle for hosting the boxed lunch event, reception and coffee breaks between sessions.



The Symposium Tradeshow offered numerous demonstrations of operational integrated justice applications and a wide range of information and identification technologies.

Comments from Attendees

Regarding the Tradeshow

A lot of informative documents were distributed... Many private sector vendors instrumental in implementing state systems are available to offer input for other states looking to design/enhance systems... We could meet with vendors, especially if we heard of their partnership with justice systems... The Tradeshow gave me an opportunity to see what services the exhibitors currently have to offer that apply to integration. This was valuable particularly in this age of rapidly changing technology and a burgeoning marketplace... Talking to vendors is a valuable part of SEARCH Symposiums... I liked the vendors' information and hands on with their systems... Always interesting to speak with vendors regarding upcoming innovations... It's good to see what's already out there... The Tradeshow gave me new ideas/perspectives...



L3 Communications demonstrated MobileVu™, a sunlight readable, in-vehicle display and computer system in a squad car brought into the Exhibit Hall.



The BJA booth offered Symposium attendees the opportunity to learn about the many programs offered by the agency.

Cyber Café Available

Attendees had access to a computer lab for fine-tuning speaker presentations, exhibitor demonstrations, attendee discussion forums, viewing the latest in information technology or simply checking email.



Minnesota's CriMNet

Funds Symposium

Attendees

In an effort to encourage Minnesota criminal justice information specialists statewide to attend criminal justice sharing programs, CriMNet offered funding for up to 30 people to attend the 2004 Symposium and other seminars and workshops. CriMNet is an enterprise architecture that puts in place a statewide framework of people, processes, data, standards and technology focused on providing accurate and comprehensive data to the criminal justice community in the state of Minnesota.

See <http://>

www.crimnet.state.mn.us/.

Symposium Promotes Team-building Among Agencies

The Symposium program continues to emphasize the critical need for cooperation and team-building among the justice disciplines. Team-building helps cultivate and organize relationships between agencies and individuals in planning and implementing information systems integration. Teams attended from a single local- or state-level agency or multiple agencies from a single jurisdiction—such as a city or county—or agencies from across a particular state. This year, more than 46 states including the District of Columbia sent teams ranging in size from 4 to 24 members. International teams from Belgium, Canada, Guam, Italy, the Northern Mariana Islands, Norway, South Africa, England and Wales attended as well.

Using special team retreat areas, they shared experiences, identified resources, networked with colleagues, developed solutions, collaborated with key stakeholders, and reviewed demonstrations of specific tools and resources by leading solution providers.



The team from Connecticut, with 22 members, was led by SEARCH Member Theron Schnure (top row, far right).

Two Pre-Symposium Workshops Held

Two day-long Pre-Symposium Workshops were held concurrently on Sunday, March 21. An overflow crowd attended the Justice XML Pre-Symposium Workshop, which was an early indication of the desire for many attendees to learn more about this important subject.

Justice XML 101: Information Sharing in the Justice Enterprise—taught participants how to jump-start their projects, reduce costs and achieve



Pamela Scanlon
Executive Director
Automated Regional Justice
Information Center

success with XML, the leading Web language for data exchange. This was an excellent opportunity for attendees to learn more about the new Global Justice XML Data Model (GJXDM)—an important resource for justice practitioners developed with support from the U.S. DOJ. Practical application examples, such as the new interstate and intrastate rap sheets, were highlighted. Workshop leaders were: Robin Gibson, Kenneth Gill, Catherine Plummer, John Ruegg, Pamela Scanlon, Robert Slaski, Winfield Wagner and John Wandelt.

Key Milestones for Planning and Implementing Integrated Justice

Information Systems—showed how to navigate the complex process of integrating justice information systems using milestones to chart a course and measure progress. Novices and those further down the implementation path benefited from learning best practices that SEARCH has distilled from its work around the country. Attendees learned the core competencies relevant to governance and decisionmaking, standards, risk management, legal issues and development of integration architectures. Workshop leaders were: Steve Prisoc, William Romesburg and Lawrence Webster.



Lawrence Webster
Manager of the Justice
Information Exchange Project
at SEARCH

The SEARCH Symposium takes place every two years. Check our Website for upcoming conferences, workshops and future Symposium information.

www.search.org



SEARCH

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