Case Studies & Discussion on Information Sharing Experiences in New Jersey

LEIM Discussion Panel
Chief John Dough
Chris Rein
Thomas Kooy

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Garden State Perspectives

Intelligence & Information Sharing

GLOBAL JUSTICE INFORMATION SHARING INITIATIVE

County - State - Municipal - Fusion Center
Mr. Chris Rein

CSI Technology Group

*Former CTO of New Jersey State Police*
Case Studies

• Two separate projects (Intel & Non-Intel):
  - infoShare
  - NJ-DEx

• Both are Large Scale; Each Spans Three Levels of LE & HS;

• Common Goals:
  • Deliver value to multiple operational areas (LE & HS)
  • Leverage common themes/needs
  • Cross boundaries (Horizontally & Vertically), ...but Maintain Mission Autonomy
What/Who Created the NJ Information Sharing Vision?
InfoShare - Operational:
Local, County, & State Intelligence Sharing

✓ Built for compliance with 28CFR-23 requirements
  *(Handling of Criminal Intelligence)*
✓ Employs a Cross-System, Federated Query Model
✓ Managed Jointly: State Police & County (Sheriff, Prosecutor)
✓ Leverages Existing / Prior NJ Investments
  *(CJIS Network, RMS, County Networks...)*
InfoShare - Characteristics:
Local, County, & State Intelligence Sharing

- Browser Access – No Client Software
- Textual, Visual, Analytical Views
- No ‘Central’ Data Repository, (search index only)
- Developed Data-sharing Standard (XML) for Multi-vendor adoption
INFOSHARE – SYSTEM of SYSTEMS

State Police infoshare
Intell system also serves as QUERY BROKER for Cross-County and County-State Searches
NJ-Dex - Operational:
The New Jersey Data Exchange

NJ-DE\text{e}x

✓ Sharing of RMS / Incident Data; Non-Intell (e.g. Not 28CFR-23)
✓ State Police & Homeland Security Co-managed
✓ Access Model leverages CJIS Network
✓ 3.3 M records in database (growing weekly)
✓ ~40,000 Cross-jurisdictional searches annually
NJ-Dex - Characteristics:
The New Jersey Data Exchange

- Central Repository Model
- Browser Based
- Standards Based & Vendor Neutral
- Serves ad NJ’s Uplink and Contributory point to FBI’s N-DEX System
- Critical Discussion / Planning Issue - TIMING
New Jersey NDEx Architecture

- Agency 1 RMS
- Agency 2 RMS
- Agency N RMS
- County 1 RMS/Hub
- County 2 RMS/Hub
- County N RMS/Hub
- Large Muni RMS
- NJ-Dex (NJSP’s IEPD)
- N-Dex (FBI’s IEPD)
- Gang dB
By County: LE Agency Record Contribution to NJ-Dex

BEGINNING PROJECT

- 20%–40%
- 41%–70%
- 71%–90%
- 91%–100%
Chief John Dough

Essex County (NJ) Sheriff’s Office
Justice Information Sharing Practitioners

JISPnet.org
Local LE Information Sharing:
*Brief view of a County-Level Project - Successes & Challenges*

- Essex County, NJ
- One of State’s busiest
- 21 LE agencies
- Project goals:
  - Sharing (Cross-Agency)
  - Cost Efficiencies through Standardization
Local LE Information Sharing:
Brief view of a County-Level Project – Key Issues

• Funding
• Procurement
• Technology
• Collaboration
Local LE Information Sharing:
*Brief view of a County-Level Project – Key Issues*

**Funding**

- The greatest problem we face is sustainability.
- Economic climate is not conducive to added costs associated with tech support or implementation.
- Who funds and/or how are the costs assessed.
Local LE Information Sharing:
Brief view of a County-Level Project – Key Issues

Procurement

• A PM is needed from the beginning to guide and devote the time to the tech and collaboration phases. Few, if any, local agencies have this skill set and the time to devote

• Must fund for PM
Technology

– Diversity of tech skills at the local level often cause conflict – “I have a better way” syndrome

– Cutting edge tech is proposed by techies but political capital is not always there for cutting edge tech. Tried and true methods become the safest
Local LE Information Sharing:
*Brief view of a County-Level Project – Key Issues*

**Collaboration**

- Grass Roots project
- Plan for the long haul
- Reality Check
- Big government and home rule experience
- Business scanning techniques
- Prepare to collaborate at local, county and state
- Policy changes will force new business models
- Get as many as possible to have “skin in the game”
Mr. Thomas Kooy
VP Product Development
Patriot Data Solutions Group
New Jersey NDEx – Case Study

CDX Connect is used by the NJSP to transform and transmit law enforcement data from individual counties and municipalities around the state of New Jersey to the N-DEx system, which is hosted by the FBI.
CDX Connect® for N-DEx

- Connect LEAs to FBI’s N-DEx
- Built-in IEPD Mapping
- Limited Services
- Single Purpose Exchange Agent
- Outsource a complex process
New Jersey NDEx Architecture
## Experience Gained & Lessons Learned

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<tr>
<th>THEME</th>
<th>IMPACT</th>
<th>LESSONS</th>
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| Funding      | *Both an Enabler & a Challenge* | • Serve Multiple Missions  
• Integration Costs  
• Sustainability, Sustainability, Sustainability! |
| Procurement  | *Challenge*             | • PM - On board, funded throughout  
• Vendor Management                                   |
| Technology   | *Enabler*               | • Standards - a must!  
• Access  
• Technical Elegance?                                  |
| Collaboration| *Enabler*               | • Plan for Long Haul  
• Big Government vs. Home Rule  
• "Skin in the Game"                                  |
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