iTIF

IP and Broadband Technology
Working for Public Safety
July 23, 2007

Nlets ……

- links every U.S. State, local and Federal agency, to each other and to RCMP CPIC
- is an international criminal justice “HUB”
- Carries 90 Million transactions a month
- Connects together 700,000 PC, Mobile and handheld devices in the U.S. and Canada
- Is Justice, Law Enforcement, Public Safety
- Connects 30 thousand agencies
- Serves 1 million individual users



For 40 Years!

Connecting nearly 100 disparate systems….

- Used to be accomplished by demanding compliance with Nlets proprietary specifications
  - Expensive, inefficient, made exchanges outside of the closed Nlets world nearly impossible
  - Was different from the FBI specifications
    - Every state had to write custom code to both FBI and Nlets to exchange information
    - Millions of dollars x 50

The move to IP and other technologies…

- In the past five years Nlets has completely changed out its technology
  - Is now a leader in off the shelf internet protocols
  - Facilitates exchanges never thought of before
  - Actively seeks federal funding - redistributing these dollars to fund customers to adopt new technologies improving information exchange
  - Has sufficient bandwidth, systems and technology to do most anything





The move to IP specifically…

- Allows Nlets to work in the world of Internet “like” technologies and exchanges
- Sets the stage for us to move rapidly with information sharing
- Has identified that the number 1 difficulty is no longer the technology but the policy of information exchange

Benefits of IP

- Data Encryption
- Eliminated costly legacy equipment
- Segregate traffic for prioritization by IP address
- Firewall traffic based on IP address
- Additional security and validation checks on message traffic
- Point to point IP based network routing
- Better monitoring of network devices, saturation, and bandwidth usage
- Switch between systems and equipment seamlessly
- Move to mainstream equipment (e.g. Cisco)
- Web services
- XML

DL Photos – Interstate for LE

- Nlets Interstate Sharing of Photos



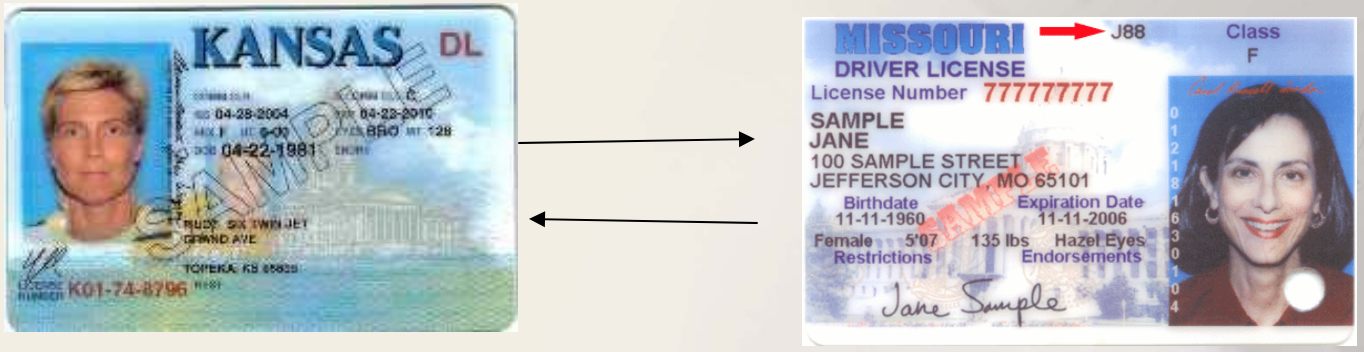




NIJ and DHS Funded

NISP

- Four State Pilot underway
- North Carolina, South Carolina, Virginia and Oregon



Standardized Criminal History Records

CHIEF (Criminal History Information Exchange Format)



BJS Funded – NCHIP discretionary funds

CHIEF Pilot State Participants

- Florida
- Kentucky
- Maine
- Massachusetts
- Pennsylvania
- Texas
- New York
- Wisconsin



Lastly…

- **In 2001** Nlets used proprietary technologies and the nation was running **24 Million transactions** per month
- **Today** – using off the shelf technologies JPS use Nlets **90 Million transactions** per month
- Easier to use, connect, secure and share.

Period

Questions?

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