REIMAGINING JUSTICE

Why data matters and what to do about it

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WHY DATA MATTERS

To discover patterns
To formulate public policy
For sense-making
To dispel myths
And provide evidence of what works
The Path to Better Decisions

Aggregation

Data

Information

Intelligence

Insight

Knowledge
SEEKING INSIGHTS

- Social Outcomes
- Determine Best Practices
- Preserve Privacy Rights
- Ensure Equity and Justice
Collaboration is essential to improve the quality of government services
Knowledge sharing is essential to enable successful collaboration
Cultural impediments outweigh technical issues
Complexities increase exponentially as the scope of sharing increases
FINDING THE BALANCE
THE NEW PURPOSE OF THE JUSTICE ENTERPRISE

...to ensure neighborhood wellness

Crime Indicators Working Group, for the Bureau of Justice Statistics
THE CONTINUUM OF CARE

Public Health

Social Services

Economic Health

Public Safety

Health Care

Housing
Before the shots ring out

Preventing the active shooter

- Schools
- Social Services
- Police
SUCCESSFUL OFFENDER RE-ENTRY

Reduced recidivism

Justice

Human services

Health services
LIVE WELL SAN DIEGO VISION

BUILDING BETTER HEALTH

Improving the health of residents and supporting healthy choices

LIVING SAFELY

Ensuring residents are protected from crime and abuse, neighborhoods are safe, and communities are resilient to disasters and emergencies

THRIVING

Cultivating opportunities for all people and communities to grow, connect and enjoy the highest quality of life
AXIOM:

Knowledge Sharing

is at the heart of everything we can do to improve individual and community wellness
A nonprofit organization started in 2005 with the purpose of improving the futures of the most under-resourced and under-served populations by initiating, inspiring and advancing interoperability across all disciplines related to wellness and at all levels of government, industry and nonprofits.

- National Interoperability Collaborative
- National Action Agenda
- Project Unify
THE NATIONAL INTEROPERABILITY COLLABORATIVE

• NIC is a project of the Stewards of Change Institute. It is a Community of Networks designed to increase collaboration within and across multiple domains to improve health, safety, well-being and operations.

• We focus primarily on Six Domains: Human Services, Public Health, Education, Justice and Public Safety, Emergency Medical Response, Health Care IT
PROJECT UNIFY: GOALS AND OBJECTIVES

- Demonstrate the exchange of data and identify governance constructs between domains using source or target domain-specific standard protocols.

- Develop domain specific identity-matching patterns and demonstrate application of industry standard tools and approaches.

- Create cross-domain data maps and reusable interfaces/APIs to facilitate and accelerate industry adoption.

- Incorporate and demonstrate the use of industry standard security protocols to implement these data exchanges and document lessons learned and best practices.

- Create an open source/APIs repository to accelerate the use of these assets to facilitate and accelerate industry adoption.
Ways You Can Get Involved:

• Join NIC and participate in Project UNIFY--https://nic-us.org/

• Participate in Unify workgroups: https://hub.nic-us.org/groups/project-unify
  • UNIFY Proof of Concept Demonstrations
  • Privacy & Consent Utility Service
  • Person Matching
  • Governance
  • UX/UI
  • Domain Ontologies and Data Models
  • User Stories/Data Sharing
  • Architecture

• Volunteer to curate one of the affinity groups

• Sponsor/Support NIC
NIEM intentionally does not address standardizing data inside legacy systems. NIEM serves as a translation layer (providing a common understanding) between and across disparate systems.
INFORMATION EXCHANGES BUILT ON NIEM

- Interstate Justice and Public Safety Network (NLETS) - exchange mission-critical law enforcement information.
- Amber Alert - child abduction emergency alert.
- Prescription Drug Monitoring Exchange (PMIX) - Mitigate pharmaceutical drug abuse across state lines.
- FBI Incident Reporting National Data Exchange System (N-Dex) standardized and secure criminal justice information sharing to relevant criminal justice agencies.
- FBI National Crime Information Center (NCIC) - United States’ central database for tracking crime-related information.
- Centers for Disease Control and Prevention (CDC) Emergency Preparedness and Response Exchange Requirements - exchange and sharing of critical emergency management (EM) data.
- National Electronic Interstate Compact Enterprise (NEICE) - placement of children in foster care across state lines.
- Indian Child Welfare Act (ICWA) e-Notice.

https://www.niem.gov/about-niem/success-stories
THE NIEM COMMUNITY--DOMAINS

- Agriculture
- Biometrics
- Chemical, Biological, Radiological, & Nuclear
- Cyber
- Emergency Management
- Human Services
- Immigration
- Infrastructure Protection
- Intelligence
- International Trade
- Justice
- Maritime
- Military Operations
- Screening
- Surface Transportation
- Statistics (emerging)
- Learning and development (emerging)
WHERE WE MUST GO (OPPORTUNITIES)

- Shape resource allocation policies on evidence of improving wellness across places and neighborhoods
- Develop new models of collaboration across domains (health, social services, education, justice, etc.)
- Establish cross-domain IT interoperability and standards to share data that generates evidence
- Expand research to support evidence-based practices of collaboration and interoperability
THE WORK REMAINS UNDONE

The woods are lovely, dark, and deep. But I have promises to keep, And miles to go before I sleep, And miles to go before I sleep.

-Robert Frost
TEAR DOWN THIS WALL
It will soon shake your windows and rattle your walls,

For the times they are a-changin’

---- Bob Dylan