

Data Silos Don't Float

Sarah Schelle and Aaron Garner | June 19, 2023



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Speakers



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Need for Solution





Problem Statement -- Project Goals

- Problem:
 - There are currently two systems in place, which are aging; one of those is not currently under contract and not able to be supported.
- Goals:
 - To have a single, unified system that consumes data from all JMSs and DOC:
 - To more efficiently and accurately meet stakeholder needs;
 - Reduce confusion associated with messages/notifications initiating out of disparate systems;
 - Reduce solution maintenance costs;
 - Facilitate easier integration with local JMS systems;



What is the Data Transformation Solution?

- Indiana SAVIN stands for Statewide Automated Victim Information and Notification.
 - automated service that provides crime victims with vital information
- The Data Transformation Solution
 - Ingests, transforms, and provides data from Jail Management Systems to SAVIN





Victim Notification

- Provide efficient and accurate notifications in compliance with SOI statutes § 35-40
- 2 systems
- Lack of standardized process for notification

IC 35-40

Ch. 1.
Ch. 2.
Ch. 3.
Ch. 4.
Ch. 5.
Ch. 6.
Ch. 7.
Ch. 8.
Ch. 9.
Ch. 10.
Ch. 11.
Ch. 12.
Ch. 13.
Ch. 14.
Ch. 15.

ARTICLE 40. VICTIM RIGHTS

Legislative Intent
Applicability; Standing to Invoke Rights
Statutory Construction
Definitions
Victim Rights
Prosecuting Attorney Duties and Victim Assistance Programs
Notice of Release on Bond or Escape
Notice of Probation Modification, Revocation, or Termination
Notice of Release, Discharge, or Escape From a Mental Health Treatment Agency
Request for Notice
Victim's Discretion; Form of Statement
Procedures Related to Notices and Consultations
Inability to Exercise Rights; Designation of Others; Representative of a Minor
Rights of Victims of Identity Deception
Right to Request a New Investigation

IC 35-40-1

35-40-1-1

Chapter 1. Legislative Intent

Intent to protect rights of victims



Jail Data

- Need for jail census
- Bail Reform
- Need to update VNS





Process Improvement

- Better for victims
 - Multiple registration centers
- State owns the data
 - Continuous availability
- Not held captive by vendor
- Added data means more flexibility



Victim Notification

Setting the Project Up for Success





Generating Buy In

- Talking to sheriffs before start of project
- Funding – all costs covered by the State
- Future value to Sheriffs
 - Making data available to local counties via portal or direct consumption





Gathering Requirements

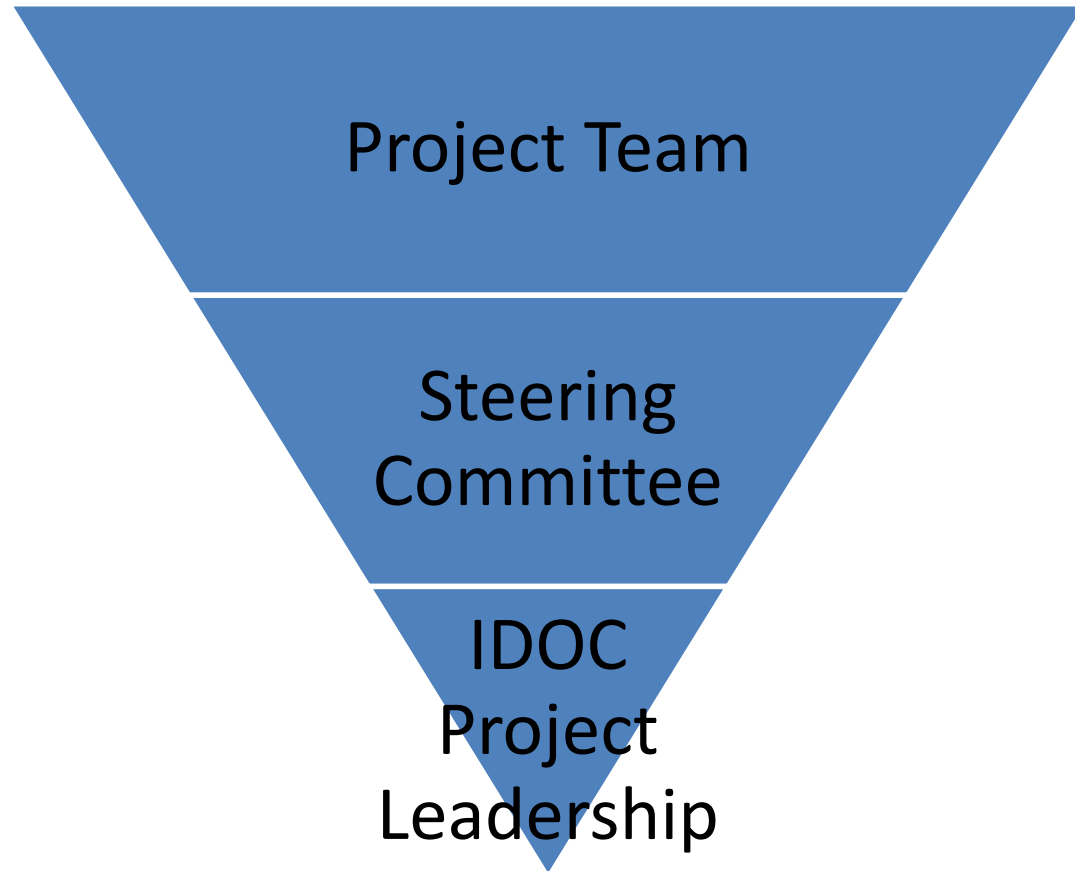
- Formal Capture of Requirements
 - Preparation from RFS (DTS) and RFP (VNS)
- Survey Sheriffs
 - Web-based surveys
 - Data Landscape





Multiple Agency Partnership

- Vendor Selection
- Day to Day Work
- Oversight and Key Decisions
 - Steering Committee
 - IDOC Leadership
 - IOT IVV and PM





Governing bodies– Post-Implementation

- Post implementation
 - Contract/MOU
 - Why IDOC ownership is not a good idea



Technology





Scope and Overview

- 92 Counties → 10 JMS Vendors

Each county is a separate instance, regardless of JMS

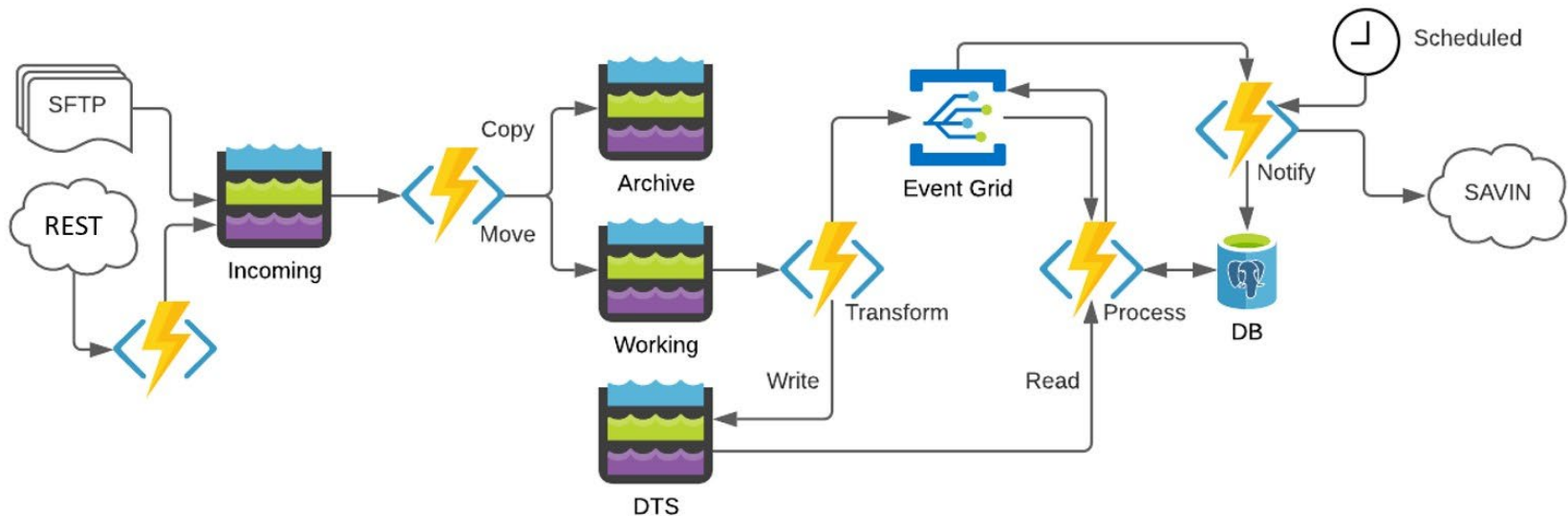


- Blue vs. Blu vs. BL vs. Bl vs. B = **'BLUE'**



Architecture Diagram

- Hosted by Indiana Office of Technology
 - Azure Government Cloud





Data Acquisition and Transformation

- Data Acquisition Methods
 - SFTP (push) vs. REST (pull)
 - File extension agnostic (.xml; .json; .tab)
 - File Types
 - Event-based
 - Arrivals; Departures/Transfers
 - Profile Updates
 - Nightly Full Pop
- Data Discovery and Data Mapping
- Transformers
 - Base vs. Sub





Data Structure

- ~160 data points requested
 - Depending on JMS, 60 – 100 provided
 - 35 provided to SAVIN (NIEM)
 - 25 data tables



Lessons Learned





Challenges

- RFP Requirements for DTS partner
 - Very thin, by design
 - Getting counties to assist with data availability
- JMS Vendor Issues
 - DSA counties
 - State did not want to contract with the vendors
 - Development Delays
- DTS and VNS have different vendors
- Elections (45% new sheriffs in year 2 of the project)
- Variability in how Counties use Release/Transfer Codes
- No unique ID tracked



Successes

- Agile Project Management
 - Data Validation
 - County Code Meetings
 - End to End Testing
 - Especially important because multiple vendors
- Keeping Sheriffs/Stakeholders informed
 - Status update presentations at Sheriff conferences
 - Routine updates via newsletters
 - Establishing relationships/rapport with county technical contact and operational SME



Successes

- Strong Governing body (steering committee)-
useful for escalation
 - ISA, ICJI, Commissioner of DOC
- IOT Oversight through Risk and
Project Management



Alternative Data Use





Alternative Data Usage

- Originally intended for VNS
 - Collect data for more if you can
- What else does the State want to focus on?
 - Bond
 - Equity
 - Census/Overcrowding
 - Reason for detention
 - Recidivism
- Helpful for State-wide data-informed decision making



Questions?

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