

A man in a dark blue police uniform with a badge on his shoulder is seated at a workstation in a control room. He is looking at several computer monitors displaying data and software interfaces. His hands are on a specialized control panel with many buttons and a small screen. The room has a professional, technical atmosphere with multiple workstations visible in the background.

Strategies to Meet Reporting and Data Sharing Requirements in Corrections

Meet the Panelists

Russ Nichols Project Director, Strategic Offender Management System, California Department of Corrections and Rehabilitation

John Ward Justice and Public Safety Industry Executive, HP

~~**Josh Jaquish** Vice President, Public Sector, Tribridge~~

Roy Minney Justice and Public Safety Lead, Tribridge

John Chatz Moderator, Justice and Public Safety Lead, HP



Session Overview

Goal of Session

Provide CTA attendees insight for addressing enterprise reporting and integration challenges by examining differing approaches taken by states to modernize their respective Offender Management Systems.

Agenda

1. Review three OMS modernization case studies
2. Define enterprise reporting and integration aspects of each project
3. Panel discussion of objectives, technical challenges, alternative approaches, outcomes and lessons learned in each implementation



Case Study

Project Goals, Approach

Timeline

- Retire aging legacy systems
- Transform and streamline agency operations
- Eliminate the paper C-file with an imaging system
- Enable integration and enterprise reporting
- Phased implementation, by module, of a COTS solution
- Five-year timeframe

Challenges

- Conflicting inmate information across different legacy systems
- Incremental deployments required temporary bridges to legacy systems
- Monumental challenge adapting business and reporting processes to the new system
- Significant legislative pressure

Case Study

Project Goals, Approach Timeline

- Immediate goal to integrate new solution to mainframe and provide business analytics and dashboards through a new user interface for managing offender population
 - Phased approach to replace aging mainframe modules with an intuitive, web-based solution
- Phase 1 deployed to several thousand users in 12 months

Challenges

- Current mainframe offender/corrections management system was old and could not effectively adapt to new requirements and business processes
- Inability to get organizational intelligence and critical reporting out of system
- Needed a cost effective solution that could be deployed quickly to a large number of users



Case Study

Project Goals, Approach Timeline

- Phased implementation approach of a common platform solution that can share data and offender metrics across statewide correctional agencies
- Deployment of State DOC, regional jails, and juvenile services agencies for offender management and for tracking offenders, recidivism, program success

Challenges

- Proprietary technology that could only be supported and modified by one vendor; system enhancements time-consuming and costly
- Limited to no ad hoc reporting capabilities
- Lack of a common system to aggregate and share data
- Cumbersome and time-consuming paper-based processes

Enterprise Reporting

Definition and Objectives

- Enable employees to access “Operational reports”
- Enable “Power Users” to create ad hoc reports
- Enable administrators to monitor developments using a simple “dashboard”
- Enable analysts to generate analytics (descriptive and inferential statistics)
- Institute information governance policies



Enterprise Reporting

Alternatives, Considerations & Summary of

Build reporting into the application

Provide reporting tools

Build a reports portal

Static custom report creation

vs.

Externalizing reporting using data warehouse

Allowing use of existing tools

Building out existing SharePoint sites

Focus on ad hoc query and dashboard capability to provide real-time data analysis

Paradigm shift of pushing ad hoc reporting and dashboard creation from an

IT function to an end user function via enabling technology and training

Integration

Definition and Objectives

- Eliminate information silos by integrating data across disparate systems
- Identify and resolve conflicting information between systems
- Reduce redundant data collection and data entry procedures
- Improve timeliness of information contained in management systems
- Institute information governance



Integration

Alternatives, Considerations & Summary of

Retire or replace

Batch file

vs.

Integrate legacy applications;
determine level of effort for each

Real-time integration

- Instituted processes to identify and correct data format compatibility and being “out of sync” between systems; consideration of source and target complexity
- SOA approach helps manage and operate interfaces

Questions?



Speaker contact information

Speaker	Company/Agency	Phone	Email
Russ Nichols	CDCR	916-358-1236	russ.nichols@cdcr.ca.gov
John Chatz	HP	312-459-6554	john.chatz@hp.com
John Ward	HP	916-801-9687	john.ward2@hp.com
Josh Jaquish	Tribridge	813-293-7776	josh.jaquish@tribridge.com
Roy Minney	Tribridge	512-484-3354	roy.minney@tribridge.com

