

# Montana Department of Corrections



## History

- Late 1970's OBSCIC (Offender Based State Criminal Information System) was developed as a CICS application on the state mainframe by DOA staff.
- Mid 1980's Department of Institutions staff developed ACIS (Adult Criminal Information System) on an IBM System 38. The first data load was August of 1985 with production following February 1986.
- Modules were added over the years and in 1991 the system was moved to an IBM AS/400 (CISC) platform.



## History cont...

- In the early 1990's the department recognized that ACIS was difficult to maintain because of many hard coded screens and normalization programs.
- 12-1995 – 4-1996 ACIS Review Team (ART) consisting of 15 team members began with the mission to "Identify the data processing needs of the Department and the best way to meet those needs into the next century."
- 3-1996 Information Technology Planning Team (ITPG) was formed consisting of 16 team members charged with developing a 5 year technology plan focused on hardware and software needed to implement ART recommendations.



## History cont...

- Plan included legislative funding of \$600,000 to contract for enhancement of ACIS starting in 1998 biennium.
- Requested \$4.2 million received \$2.72 million to fund the technology plan. Of this amount \$600,000 was still budgeted for ACIS enhancement. (contracted services)
- July 1997 contracted with TRW for Workflow Analysis.
- 1998 ACIS was migrated to an IBM AS/400 iSeries model 620 (RISC) system.
- April 1998 TRW began phase 2 conceptual design.



## History cont...

- September 1998 TRW issued it's report, stating that system development would cost \$1.75 million.
- The task force met to consider alternatives. This task force recommended that the department acquire a rapid application development tool. They recommended Cool-Plex.



## History cont...

- November 1999 Development team realized that they were not on track.
- A consultant was hired to review progress and make recommendations.
- Project was clarified and began to move forward in early 2000.
- Fall 2000 1<sup>st</sup> phase of PRO-Files released.
- 2003 Department began looking at off the shelf solutions



## O-TRACK History

- Sep 95 – Project begins in State of Utah
- Jun 96 – Installed first module at APP
- Jun 97 – Start conversion/testing for Institutions
- Jan. 98 – Institutions up and running
- Jun 98 – Alaska acquires code and adds jail module
- Aug 98 – New Mexico acquires code
- Nov 99 – New Mexico up and running
- Feb 00 – Community centers deployed
- Apr 01 – Colorado starts implementation of F-Track



## O-TRACK History

- 01 – Formal collaboration on Medical Module
- 01 – New Mexico deploys Time Accounting
- 02 - Offender Management Plan deployed
- 02 - New Mexico brings up Classification
- 02 – New Alaska Property module
- 03 – Alaska Notification Module
- 04 – Idaho web enables user screens
- 04 – Medical module enters final testing



## Current Consortium Members

- Utah
- Oregon
- New Mexico
- Idaho
- Colorado
- Salt lake County
- Montana
- South Carolina
- Indiana



## O-track Consortium Benefits

- TIME – system could be implemented in 12 - 18 months
- O-track is in production in multiple states
- O-track's rich, proven functionality
- \$13,306,636.35 in development as of 12-03
- Expertise of the development team
- Access to development efforts of member states
- Shared knowledge from member states
- Ongoing development



## Database Concepts

- Customizes “drop-downs”
- Reduces costs of modifying programs
- Promotes data integrity. For example, forces reference to NCIC standards.
- Easy to get at data
- Automatically protects and backs up data
- Data **shared** and entered only **once**
- Maintains data security
- Standard reporting tools supported
- Photos supported



## Interstate User Group

- Formation of multi-state user group National Consortium of Offender Management Systems (NCOMS)
- Develops and enforces architecture and development standards
- Enhancements/modifications in different states benefit everyone
- Lead to sharing in other areas such as sharing data
- Inter-state compacts *could* have immediate data



## Institutions

- Comprehensive Offender Information
- Offender Physical Traits
- Intake/Booking
- Sentencing
- Housing Assignments
- Movement
- Property
- Inmate Work Assignment
- Classification
- Assessments
- Time Accounting
- Security Threat Groups
- Incidents/Disciplinary
- Escapes
- Photos
- Visitation
- Offender Management Plan
- Sex Offender Information
- Court Cases/Offenses
- Board of Pardons Module
- Reports



## Community Corrections

- Comprehensive Offender Information
- Offender Physical Traits
- Photos
- Officer Desktop
- Supervisor Desktop
- Multiple Audit Capability
- Offender Management Plan
- Probation/Parole Agreements
- Encounter Recording & History
- Absconds/Walkaways
- Pre Sentence Investigations
- Workload Calculations
- Warrants/Detainers
- Strategic Threat Groups
- Assessments
- Education
- Restitution
- Substance Use/Testing
- Sex Offender Tracking
- Interstate Compact Tracking
- Court Cases/Offenses
- Reports



## *Pre-Release Centers*

- Offender Search
- Movement Control
- Employment
- Offender Schedules
- Forms
- Daily Log
- Random drug testing
- Escapes
- Incident report



## Offender Management Plan

- Assessment testing substance, social, education, psychological
- Case Plan / Treatment Plan
- Goals and Objectives
- Treatment/Class enrollment and monitoring
- Narratives
- Treatment/Class history reporting by offender



## Healthcare

- Patient charting (Health Treatment Plan, Transaction/Chart, Patient Profile, Health Assessment Guide, ICR's, Patient Encounter, Restraints, Misc. Charting)
- Order Screens (Medical Issue, Diet, Outside Consulting, Lab Test, Medication, Medication Dispense, X-Ray, Treatment – Nursing, Medical Procedure, Order Management)
- Patient History/Diagnostic Screens (Provider Diagnosis, Allergy, Nursing Diagnosis, Chronic Care, Major Complaints, History/Diagnostic Review)
- Administrative Screens (Provider Delegate, Staff Assignment, Patient Consent Forms, Inside Referral, Appointment Schedule, Clinical Privileges, Medical Co-payment, Audit Compliance, Attorney Request, Medical Record Request, Shift Notes)
- Exception Warning Screens (Outstanding Labs, Outstanding X-Rays, Orders Not Reviewed, ICR's Not Fulfilled, Restraints Past Review Point)
- Inpatient Screens (Admission/Discharge, Recurring Orders, Inpatient Safety, Safety Checks)
- Function Screens (Transportation Holds, Alerts, Cautions, Caseworker, Substance Results, Incident, Transportation Orders, Segregation, Offender Personal Information)



## Summary

- Mature application tested in several States
- Montana can modify code at will
- Build upon investment of existing States
- Screens are modified to provide the look and feel desired by a given State
- Modifications to code made by other States available to Montana
- Data captured once, available to authorized users immediately
- Co-development opportunities exist



