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Wisconsin / WICS



Project

After four attempts to build an integrated corrections system, Wisconsin Department of Corrections (DOC) chose Marquis Software Development to implement the eOMIS™ product as a state-wide solution. This project allowed Wisconsin to re-engineer adult inmate, community correction client and juvenile population management practices. The modular construction of eOMIS™ allowed the project to be structured by phase and sub-phase in order to minimize the impact on day-to-day operations. Elimination of duplicate data stored by disparate applications in multiple data bases has improved data accuracy and reduced the need for costly system interfaces and data bridges.

The implementation of the eOMIS™ package as the Wisconsin Integrated Corrections System (WICS) enabled DOC to provide:

- A standard user interface
- Consolidated Oracle data base (each record stored only once)
- Technical architecture matching the Bureau of Technology Management's future direction (three-tier, thin client, open-source, Java,)

Goal

The goal of the WICS project is to replace Wisconsin DOC's four legacy mainframe systems (CIPIS, CACU, WITS & OATS) with a single integrated system running within an easily and affordably maintained system architecture.

Challenge

WI DOC operates 19 adult institutions, 14 adult correctional centers, 150 parole & probation offices/ satellite offices, 2 juvenile facilities and a juvenile treatment center. The Department's responsibilities include housing approximately 15,000 adult offenders and supervising 68,000 probation clients.

Once WICS is completely implemented, ongoing maintenance and support will be provided by Wisconsin DOC staff. These developers and business analysts are being trained in the classroom and then mentored while engaged in "co-development" alongside their Marquis counterparts. The combination of formal training and hands-on tasks has resulted in a "development partner" approach that is unique in the corrections industry and will ensure smooth turn-over of the completed system.

Solution

The WICS project officially began June 2005. Marquis and Wisconsin DOC are approaching the effort as development partners, so all project management, conversion, design, data base administration, quality assurance testing and other project tasks are being accomplished without the use of a system integrator or additional development partners. This has allowed maximum project flexibility including:

- Sub-division of the original four phases into sub-phases to better fit the business users operational schedules
- Time to build consensus among business users
- Re-engineering of business processes
- Extensive testing processes
- Ability to insert and interweave other projects such as data warehouse, multi-function devices,
- Operating system upgrades, risk assessment, data quality and analysis into the creation of an integrated system.

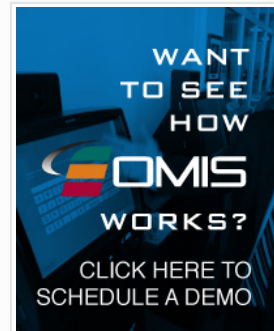
This approach is providing Wisconsin with an off-the-shelf solution tailored to their requirements.

Progress

In October 2009 the Corrections Integrated Program Information System (CIPIS) mainframe system was replaced and adult inmate functions were taken over by WICS. Department of Community Corrections (DCC) staff were brought online June 2010 to centralize the processing of court records.


In September 2013, WICS began receiving an electronic feed from the court system to reduce manual data entry and improve court document accuracy.

In January 2014, the Court Ordered Payments module went live, replacing the legacy Corrections Accounting – Cashier Unit System (CACU).

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enhance, which will provide maximum system flexibility to avoid application obsolescence. Users have the advantage of one source for accurate and timely data to improve offender management and enhance staff, inmate and client safety. Department of Enterprise Technology can retire expensive mainframe hardware and replace it with more affordable servers.

Project Milestones Met:

- January 2014 — Implemented the Court Ordered Payments module, centralizing client obligation records.
- September 2013 — Implemented software enabling WICS to receive electronic Judgment Orders of Conviction from the court system.
- August 2013 — Implemented the Security Threat Groups module.
- October 2012 — Corrections Accounting – Cashier Unit System (CACU) mainframe system retired and replaced with WICS.
- November 2010 — Implemented Incident Reporting.
- July 2010 — Implemented the Visitation module.
- June 2010 — Centralized the processing of court records.
- October 2009 — Corrections Integrated Program Information System (CIPIS) mainframe system retired and replaced with WICS.

Technologies

- Apache Subversion
- Oracle
- Java
- Eclipse
- .Net
- Active Reports

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