CJIS

**Report to the Governing Board
Program Status Report**

Connecticut Information Sharing System (CISS), Connecticut Impaired Driving Record Information Systems (CIDRIS) and Offender Based Tracking System (OBTS)

**Criminal Justice Information System (CJIS)
Governing Board**

July 05, 2011

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Executive Director

Sean Thakkar

Business Goals and Objectives

- Optimize our current investments in technology and leverage existing infrastructure and resources
- Create a simple way to implement new technologies so that agencies can implement them smoothly
- Develop a secure environment which meets state and federal standards for security
- Provide independent and objective opinions and recommendations to the CJIS Governing Board
- Provide services that are boringly predictable and totally reliable

CJIS Committee Chairs

The committees and their chairpersons are as follows:

Administrative Committee

Larry D'Orsi

Judicial Branch, Court Operations Division

Technology Committee

Evelyn Godbout

Department of Criminal Justice

Implementation Committee

Chief Richard Mulhall

Connecticut Police Chiefs Association (CPCA)

Summary of Accomplishments

- The CISS Program is in the process of finalizing the selection of a provider for the CISS solution. Further, through intense negotiations with the contractor, the State has reached a tentative agreement that is pending legal review with the Attorney General's Office.

- The CISS team has been working with OPM to address operational funding issues and to hire key technical and project members to staff the effort.

- The OBTS program completed system testing release R6.1 and is in production as of April 1st, 2011

- The CIDRIS project is in production with the judiciary sending dispositions and Troop B sending OUI cases

Critical Enablers for Continued Success

- The next installment of the $7.7 million Bond Funds approval is essential by the legislature and the Bond Committee so that we can sign the contract with the selected CISS vendor

- Executive and Legislative support is requested for approval of the FY2012-FY2013 CJIS Biennial Budget, as submitted by the CJIS Executive Director in September 2010

- In order to keep CISS Project on track and on schedule it is important that CJIS Governing Board is able to hire nine staff members that the Board unanimously approved

- Replacement of key OBTS business and technical resources is considered critical to ensuring that OBTS can provide effective business and technical support

- Develop and implement a mutually supportable Service Level Agreement (SLA) between DOIT and this CJIS Governing Board that clarifies, roles, responsibilities and reasonable service levels related to the expectation of DOIT in support of CJIS. This can only be accomplished via a viable funding source for services that are being provided by DoIT through Pay-phone revenue fund.

CJIS Governing Board's Business Goals and Objectives

Business Objectives	CISS[1]	CIDRIS	OBTS
Provide for Agency Autonomy so they can do accomplish missions	✓	✓	✓
Simplify implementation of new technologies	✓	✓	

[1] As designed in the RFP released on October 2010.

Business Objectives	CISS[1]	CIDRIS	OBTS
Develop secure environment, meeting state and federal standards	✓	✓	✓
Optimize current investments leverage infrastructure and resources	✓	✓	

CISS - Background

The **Connecticut Information Sharing System (CISS)** project's over-arching goal is to improve information sharing throughout the state's criminal justice community in order to comply with Public Act 08-01. CISS is a comprehensive, statewide system to promote the immediate and seamless sharing of information between all law enforcement and criminal justice agencies in Connecticut. Connecticut's criminal justice community consists of 11 justice agencies with over 23,000 staff members and utilizes 52 information systems to support its business needs. **CISS provides the first statewide unified information sharing system. This will allow the State to** *do a lot more with a lot less by building on the frameworks established with OBTS and CIDRIS*.

Key Accomplishments – Period Ending July 2011

The CISS Program has achieved several milestones:

- On April 21, 2011, the CJIS Governing Board appointed Mr. Sean Thakkar to be the CISS Contract Administrator

- The CISS Project welcomed two interns who will be assisting on requirements validation

- The CISS Program is in the process of finalizing the selection of a provider for the CISS solution. Further, through intense negotiations with the contractor, the State has reached a tentative agreement that is pending legal review with the Attorney General's Office.

- In addition, the CISS team has been working with OPM to address operational funding issues and to hire key technical and project members to staff the effort

Anticipated Activity – Next 180 Days

- Continue with the SDM Business Requirements Phase

- Negotiate and execute a contract with the vendor

- During the summer semester, interns are creating a requirement traceability document in the newly purchased collaboration tool IBM Rational Jazz. As each requirement is created in the tool the stakeholder agencies will be asked to review and send the team its list of errors, omissions, suggestions, and any scenarios that are missed. Once the stakeholders agree that the requirements are complete then they will be locked down for creation of a test plan and programming. Any change to the requirements will require a formal change control to track and evaluate the effect of the change.

- Hire key CISS staff members:

  - ASAP hire Business Manager and Program Manager

  - August 3, 2011 hire senior technology architect, two senior project managers, and Business Analyst

  - August 3, 2011 review CISS Program within SDM and begin migrate from design phase to the construction phase

  - October 1, 2011 hire two senior staff developers

  - January 1, 2012 hire senior system administrator

As these efforts are completed, the CISS program will need to resolve several risks and issues.

CISS Program Issues and Risks with Mitigation Strategy

Issues:

- It is imperative that a staff is hired for CISS to implement and maintain the project. The most critical staff members who need to be hired immediately are the Business and Program Managers. These positions are crucial for contract talks and connection points between agencies and vendors.

- The Budget requests for 2012 and 2013 for the CISS project operational expenses and the ongoing expenses for the CISS program did not make it into the Governor's budget request considered by the legislature.

Conclusions

- The CISS project is at a key milestone related to funding and authorizations necessary to create new state positions for the key CISS project staff

- CISS was undertaken to comply with Public Act 08.01. CISS will increase public and officer safety by significantly improving information sharing among the justice agencies in the State of Connecticut

- The system also enhances business efficiencies by increasing the amount and speed of information exchanged electronically

OBTS - Background

The **Offender Based Tracking System (OBTS)** is an integrated, information sharing system, developed with all the state criminal justice agencies to respond to the growing demand for access to comprehensive information on offenders. Officially launched in 2004, OBTS is used daily by local, state, and federal law enforcement as well as select state agencies.

Key Accomplishments – Period Ending July 2011

Following is the synopsis of the program's noteworthy accomplishments over this reporting period.

- On April 1, 2011, we migrated OBTS R6.1 into production. This is a complete technology refresh for the application server. The primary objective for the R6.1 release was to improve message processing performance from a maximum of 2,000 messages per hour to 4,300 messages per hour; however, the new OBTS R6.1 can process well over 6,000 messages per hour.

  The technology refresh included updating 10 year old, out of support hardware and software to the latest technology. In addition, some OBTS functionality was combined to save licensing fees of over $100,000 a year.

- Commenced the development of prototype reports that rely on OBTS data

Anticipated Activity – Next 180 Days

The OBTS Program will accomplish the following objectives or milestones over the next 180 days:

To facilitate the executive decision to do more with less, new reporting capabilities are being considered for OBTS and other CJIS initiatives. CJIS plans to use a Dashboard approach for reporting. The concept of a Dashboard is that information is distributed between objects or widgets. The end user can select an icon, then drag and drop the object on their Dashboard. The result is a personalized report, tailored by the end user to assist in his or her job. To demonstrate using Dashboards to convey information, we created a Heads-Up display for monitoring OBTS application.

OBTS Application Release Schedule

The following release schedule is assumed over the coming twelve months. To provide a more stable and predictable product upgrade cycle for OBTS, once the final technical migrations are complete with OBTS R7.0, OBTS will move to a schedule of quarterly releases with fixed release dates. The content of each maintenance release will be guided by the priorities identified by the OBTS community, who will meet quarterly to review program accomplishments, review, and reassess program priorities and approve proposed release schedules.

Release Dates	Release Objectives
OBTS R7.0 October 2011	**Technology Upgrade** - Migrate OBTS database servers to run on the shared CJIS technology platform. Retire legacy OBTS hardware.
OBTS R7.1* December 2011	**Legislative Change Window** - In the event that there is no OBTS-impacting legislation, this will revert to a standard maintenance release.
OBTS R7.2	**Maintenance Release** – Final release content to be determined based on

December 2011	the priorities of the OBTS community.
OBTS R7.3 March 2012	**Maintenance Release** – Final release content to be determined based on the priorities of the OBTS community.
OBTS R7.4 June 2012	**Maintenance Release** – Final release content to be determined based on the priorities of the OBTS community.
OBTS R7.5 September 2012	**Maintenance Release** – Final release content to be determined based on the priorities of the OBTS community.

Program Issues and Risks with Mitigation Strategy

Issues:

An organizational change has left the CSG without adequate resources.

♦ **Impact** – The loss of key managers in the CSG means that OBTS will not be able to maintain the Release Schedule (see above) that was developed over the past months. Replacement staff will take time to come up to speed to a level where they can operate independently

♦ **Mitigation** – The CJIS Executive Director is working with DAS, OPM, the CJIS Governing Board, and DOIT to identify appropriately skilled replacement staff. In the meantime, the existing Business Development Director, Charles Hoadley, has assumed some of the activities related to OBTS R7.0

Conclusions

OBTS has transitioned to the state and with completion of the planned migration of OBTS to the shared CJIS database environment. OBTS will be positioned to enter into a disciplined and mature application maintenance lifecycle that will provide for the incremental improvement of OBTS based on the priorities of the OBTS community.

Recommendations for the Board

Replacement of key OBTS business and technical resources is considered critical to ensuring that OBTS can provide effective business and technical support; a concern addressed by the OBTS Application Steering Committee.

OBTS Application User Group

The OBTS Application User Group is charged with the responsibility to provide the Executive Director with program guidance and application governance that reflect the highest priorities of the OBTS user community. This group's membership is as follows:

Chairperson

> Chief Douglas S. Fuchs

OBTS Data Consumers

> Chief Richard Mulhall - Connecticut Police Chiefs Association (CPCA)
>
> Michelle Cruz – Office of the Victim Advocate (OVA)
>
> Andrew Mosley – Board of Parole (BOPP)
>
> John Morrison – Office of the Public Defender (OPD)

OBTS Data Suppliers

- **Offender Based Information System (OBIS)**

  Robert Cosgrove - Department of Corrections
  Lynn Milling - Department of Corrections

- **Master Name Index / Computerized Criminal History (MNI/CCH)**

  Captain George Battle – Department of Public Safety
  Joan Hilliard – Department of Public Safety

- **Judicial Information Systems (CRMVS, CIB, PRAWN, POR)**

  Terry Walker - Judicial Branch
  Larry D'Orsi - Judicial Branch

CIDRIS - Background

The **Connecticut Impaired Driving Records Information System (CIDRIS)** is an integrated, information sharing system developed in cooperation with local Law Enforcement, the Department of Public Safety, Department of Motor Vehicles, the Division of Criminal Justice, the Judicial Branch as well as NHTSA and ConnDOT. CIDRIS is currently in the Implementation Phase and expects to integrate fully all 12 DPS troops.

Key Accomplishments – Period Ending July 2011

Following is the synopsis of the program's noteworthy accomplishments over this reporting period.

- Deployed DPS State Police Troop B, working to deploy additional Troops

- The CIDRIS Team installed Business Intelligence (BI) software and plans to demonstrate BI dashboards to the Governing Board at the July meeting

- The CIDRIS expansion program has made contact with several CAD/RMS vendors. The CIDRIS Expansion Project will allow the local police departments to connect with CIDRIS rapidly

- The college internship program started on May 24th, two computer science majors are working with the CIDRIS team learning the dashboard software and developing queries requested by the team. One intern is converting the hard copy forms used by CIDRIS into electronic XML forms with their related data tags and electronic signatures for CIDRIS Expansion test cases.

Anticipated Activity – Next 180 Days

- The Team plans to implement two additional layers of security, SSL certificates, and MQ authentications on the State's eDirectory. A pilot SharePoint portal is being set-up for a Management Report Library and to display Key Performance Indicators.

- Lt. Mark Sticca of DPS created the NexGen/CIDRIS Training Program for the deployment of the State Police Troops. The CIDRIS team, DPS, DMV, and Judicial meets each Wednesday to review progress on the NexGen programming completion and deployment of DPS troops. Several of the issues DPS Troop B (pilot troop) reported are now resolved with this new training program and documentation.

- DPS' Records Management System still has several program areas that require completion. The timing of this programming and testing effort will go past the June 30, 2011 full deployment date for all DPS troops. DPS has agreed to finish the outstanding issues in a timely manner with their vendor NexGen in order to deploy the rest of the 11 troops.

- Dashboards allow information and data to be shown in graphic details. Free web applications, such as, Google Maps can be used to create dashboards. The CIDRIS Team took OUI information and incorporated it into dashboard technology. The result was a dashboard gauges showing OUI aging information and the number of OUIs

- The CJIS Governing Board's vision for the next six to twelve months is to go paperless for all OUI arrest and have the Department of Public Safety (DPS) and Municipal Police Departments send them electronically. This will help DPS, the Judicial Branch, and DMV to continue processing documents electronically.

- Certify other CAD/RMS vendors serving the Connecticut Law Enforcement Community to allow their local Police Department clients to connect to the CIDRIS application.

Program Issues and Risks with Mitigation Strategy

Risk:

- DCJ and Judicial do not receive OUI charging documents and bond information from CIDRIS, a method to mitigate this issue must be resolved to enable these stakeholders to go paperless. *Mitigation strategy – The CIDRIS team has met with DCJ, Judicial stakeholders, and vendors to find an affordable solution to transmit electronic charging and bond documents to both agencies to enable all agencies to be paperless*

Conclusions

CIDRIS continues its path to implementation of all DPS State Police Troops and expects to have all troops on line and possibly some local law enforcement agencies as soon as DPS' vendor NexGen completes the required programming they are currently working on. We expect a completion schedule from DPS the by the second week of July 2011.

Recommendations for the Board

Executive and Legislative support is requested for approval of the FY2012-FY2013 CJIS Biennial Budget along with the expansion budget, as submitted by the CJIS Executive Director in 2010.