

Information Technology Capital Investment Program  
Project Status Report

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**To:** Information Technology Strategy and Investment Committee  
John Vittner, Office of Policy and Management

**From:** Dennis Mitchell

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**Agency:** Department of Developmental Services

**Project:** DDS HCBS Waiver Case Management System

**Project Manager:** TBD

**Reporting Period:** Project Inception through 12/31/2018

**Total Funds Requested:** \$2,825,906

**Total Funds Allotted to Agency:** \$1,030,507

**Accumulative Total Capital Fund Expenditures to Date:** \$953,712

**Brief Project Description/Summary:**

The State of Connecticut's Department of Department of Developmental Services (DDS), is modernizing its existing Home and Community Based Services (HCBS) application and technology infrastructure environment. The project goal is to create an integrated application system utilizing an Oracle software (Seibel) and database platform solution. The system would address DDS business processes supporting Consumer Service Planning, Resource Allocation, Fiscal and Resource Management, Quality Management, and Incident Management. In addition there would be a business analytics and reporting capability created utilizing Oracle OBIEE and interfaces with other Connecticut Health and Human Service agencies.

## Summary of Progress Achieved to Date:

### Current Progress:

- The agency has made significant progress on migrating the IP6 Authorizations Application from Microsoft Access to .NET/SQL Server. Over the past two months, both systems (Access and .NET/SQL Server) have been running in parallel. Various bug fixes were applied.
- The DDS IT Manager has been training his application development staff in enterprise programming techniques on the ASP.NET platform. As part of the training, the developers are making progress in migrating the first of two VB6 applications. The developers have created a REST service API for the application.
- As part of the ASP.NET training, DDS developers created a very detailed REST service API that allows vendors to submit critical incident data electronically to DDS. The API performs comprehensive validation checks to ensure that the submitted records are as clean as possible. The API is 100% covered by over 1600 automated unit and integration tests. DDS is working with one vendor, Therap, to pilot use of the new API.
- With the help of OPM and DSS, DDS obtained federal funding for a solution that addresses an Office of the Inspector General Audit Finding that DDS was under-reporting critical incidents. DDS has been working with Pulselight to develop the solution. So far, DDS has produced code to securely transmit critical incident report data to Pulselight. Pulselight has been working with DDS to operationalize the definition of "critical incidents" into an algorithm that can be used to identify relevant records from MMIS claims data.

### Previous Progress:

- *CMS Funding Approved.*
- *Project Charter, Project Management Plan, Cost Performance Summary Report, Risk Dashboard and Issues Tracker Report, High Level Timeline, High Level Tech Requirements, and High Level Business Requirements completed.*
- *Procured RFP Project Manager and developed RFP (ready to publish)*
- *DDS formally asked CMS and received a no-cost six (6) month extension (IAPD-U).*
- *Published Request for Information to determine if there are new products and/or vendors available in the HCBS domain since project conception.*
- *DDS has completed the organizational and business processes assessment.*
- *DDS developed an Access Database Migration strategy, procured resources, and began migrating MS Access backend data and reports to the existing MS SQL/MS SSRS Database Platform in preparation for modernization.*
- *DDS developed a BI Analytics Strategy, procured software, gathered detail requirements, procured consultant developer, and developed dashboards in the 4 major business domains in preparation for modernization. Currently finalizing work on these deliverables.*
- *DDS receiving technical assistance from DSS to identify next-steps in updating CMS to allow DDS to proceed with modular implementation of the program.*
- *DDS hired a new IT Manager to oversee the HCBS Case Management Project.*  
*The new DDS IT Manager and DDS business managers reached out to DSS to determine how to proceed with the HCBS Case Management Project.*
- *DSS informed DDS that the IAPD for the HCBS Case Management project was no longer valid. Apparently, the State failed to submit required reports to CMS.*
- *DSS has offered to allow DDS to assume responsibility for one of its Shared Services projects, which are funded through CMS. In accomplishing DSS's project goals, DDS might be able to accomplish some goals of the HCBS Case Management Project.*
- *The DDS IT Manager has been researching technologies and procurement vehicles for moving forward with the HCBS Case Management Project.*
- *Project staff are nearing completion of a "minimum viable product" (MVP) version of the IP6 application. The IP6 application manages service authorizations and payments. The MVP will allow users to migrate from the existing Microsoft Access application to the ASP.NET platform. After rolling out the MVP, project staff will have to address enhancements to address various mission critical features with the new version of the application.*
- *The DDS IT Manager identified two additional modernization projects requiring immediate attention. Both projects involve migrating obsolete VB6 applications (running in Citrix) to the ASP.NET platform. The first project, PRAT, supports vetting of resource allocation requests by the persons we serve. The second project, IP6 Budgets, supports various functions complementary to the main IP6 application. Residing on the current VB6 platform, the applications are not maintainable. Project staff have already created business requirements and some design documents for the PRAT application*
- *The DDS IT Manager is working with OPM, DSS, and the state CIO to identify solutions for Incident Reporting. A "backend" solution is needed to integrate critical incident data in DDS's database with claims data from MMIS (DSS) and possibly notifications from Project Notify (DSS). A "frontend" solution is needed for allowing remote entry (or uploading) of incident reports*
- *The agency has made significant progress on migrating the IP6 Payments Application from Microsoft Access to .NET/SQL Server. The entire payment process was developed, tested, and deployed to production, as were many bug fixes. Some enhancements supporting new legislatively mandated or policy-mandated updates were implemented, as well. Numerous reports were migrated from Access to SQL Server Reporting Services, including some reports that are now made available online to providers.*
- *The DDS IT Manager has been training his application development staff in enterprise programming techniques on the ASP.NET platform. As part of the training, the developers are making progress in migrating the first of two VB6 applications. So far, the developers have created application code to communicate with the database. Next, the developers will create a REST service API for the application. Finally, the user interface will be created.*
- *The DDS IT Manager worked with OPM and DSS to secure federal funding for a solution that addresses an Office of the Inspector General Audit Finding that DDS was under-reporting critical incidents. Among other things the new solution will use MMIS claims data to identify missing critical incident reports.*

**Issues and Risks:****Issues**

- Currently, there are limited federal funds for this project. The federal funding lapsed because reports were not submitted by the State to CMS.
- The Office of Inspector General (OIG) presented a finding against the State for lacking proper incident management. DDS had planned to increase its incident management capabilities within the scope of the HCBS Case Management Project.

**Risks**

- Without dedicated federal funding, there may not be sufficient fundings to move forward with the HCBS Case Management Project.
- Without moving forward with the HCBS Case Management Project, DDS may not be able to implement the kind of integrated incident management capabilities that the OIG expects, which could have an adverse impact on the State's relationship with US Department of Health and Human Services, through which the State receives considerable funding.

**Next Steps & Project Milestones:**

- Continue to train DDS application developers in enterprise programming techniques to allow staff to migrate applications from obsolete platforms (e.g., Access, VB6) to the supported platform (.NET).
- Continue to work with DSS to identify alternative federal funding for the HCBS Case Management Project.
- Continue to work with OPM to identify alternative state funding for the project.