

# Information Technology Plan For Fiscal Year 2010

Department of Public Instruction  
State of Wisconsin

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Wisconsin Department of Public Instruction  
Madison, Wisconsin

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## **Agency Overview**

The mission of the Information Technology Team is to support the Department of Public Instruction in its efforts to effectively deliver on the New Wisconsin Promise and ensure a quality education for every child in Wisconsin through delivery of information, office technologies, computer applications and support services. As such we will continue to partner with agency program areas and together turn challenge into opportunity with the next fiscal year likely full of both.

A unique opportunity exists for DPI to build on previous successes, and a continued emphasis on data-informed decision making, to make a significant contribution to local and state efforts to improve educational outcomes. With voluminous data stores, state of the art technology and a second Longitudinal Data System (LDS) grant, DPI is well positioned to build key components of a PK16 system, move the Wisconsin Information Network for Successful Schools (WINSS) to a more robust technology and support a multitude of improvement efforts with necessary data and reports. (see the Agency Projects section for more information).

Changes mandated by the US Department of Education in the reporting of race and ethnicity of students and education staff will require significant effort to complete. These changes have a far reaching impact that is not yet fully understood but must be implemented prior to the 2010-11 school year. Required changes to agency data collection systems will need to be communicated to districts, schools and other stake holders well in advance of implementation. With analysis and planning currently underway, the work necessary to correctly report this information is likely to be a key component of FY10 plan.

Department direction on Server Consolidation, whereby the DPI computer systems reside in a Division of Enterprise Technology (DET) computer room, needs to be finalized. Given the new and varied offerings by DET, DPI needs to complete the analysis necessary to determine what this would look like and cost this agency. A cross agency team was formed in March of 2009 with a report out expected early in FY10. A decision to proceed may have an impact on the agency's ability to proceed with other projects.

As all state agencies, and IT teams within these agencies, the DPI Information Technology Team will face limited, if not decreasing, resources in FY10. At the same time, demand for IT services continues to increase. Several years ago DPI implemented an IT governance process with a focus on involving DPI management in prioritizing requests for IT services. This process and the relationships built into it enables DPI to channel limit IT resources in the most appropriate manner and may be more important this year than ever before.

## **Agency Operating Budget Strategies**

The Information Technology department is funded by two primary sources: 1) A desktop chargeback for every agency employee and 2) A per hour chargeback for application development services. At this time we do not anticipate that this revenue stream will change significantly in the next fiscal year. We expect expenses to remain at relatively the same level.

## Agency Projects

1. Project Name: Wisconsin Longitudinal Data System II (LDS II)			
2. Project Type: <input checked="" type="checkbox"/> New FY10 <input type="checkbox"/> Ongoing			
3. Description: The Department of Public Instruction submitted an application to the US Department of Education to continue development of our Longitudinal Data System (LDS) in order to address our state's educational priorities: closing the achievement gap, building 21 <sup>st</sup> century skills, and implementing a PK-16 system in which all stakeholders—educators, students, business, government—can make informed decisions based on sound longitudinal data.			
<p><i>Developing a Longitudinal Data System to Support 21<sup>st</sup> Century Learning in Wisconsin</i> is a proposal that will enable Wisconsin's data systems to move in step with the State Superintendent's vision of 21<sup>st</sup> century learning outlined in the <i>New Wisconsin Promise</i>. Our commitment is to close the achievement gap, equip students with 21<sup>st</sup> century learning, and create stronger links between PK-12 and the world of post-secondary education. So a rich educational picture of Wisconsin students can emerge in this data system—and we can evaluate whether Wisconsin is meeting the <i>New Wisconsin Promise</i>—we need to:</p>			
<ol style="list-style-type: none"> <li>1) Build student-level datasets to create and inform a new PK-16 data system, and to increase alignment to LDS data quality standards.</li> <li>2) Move the public reporting of aggregate data into the LDS where disaggregated student data already resides to reduce redundant data and total costs</li> <li>3) Develop (restricted-access) analytical tools and public reporting tools that allow a variety of users to access LDS data on an as needed basis</li> </ol>			
4. Application Platform:	<input type="checkbox"/> Mainframe	<input type="checkbox"/> Windows Multi-Tier	<input type="checkbox"/> Client-Server
	<input checked="" type="checkbox"/> Web Internet	<input type="checkbox"/> Web Intranet	<input type="checkbox"/> Web Services
	<input type="checkbox"/> Consolidated	<input type="checkbox"/> Self Managed	<input checked="" type="checkbox"/> Data Warehouse
5. Schedule	Start: 06/01/09	Completion: 05/30/13	
6. Technical Architecture Components:			
7. Estimated Total Project Hours:		Estimated Total Project Cost: \$5M+	
8. Funding Source for Project: <input type="checkbox"/> GPR \$_____ <input type="checkbox"/> PR \$_____ <input type="checkbox"/> SEG \$_____ <input type="checkbox"/> FED \$5M__			
9. Related Projects and Dependencies: This grant award will be broken down into smaller project efforts including			
10. Is this a High-Profile Project? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (If Yes, complete information below.)			
Executive Sponsor: Rick Grobschmidt		Division:	
Business Sponsor: Mike Thompson		Division:	
Senior Project Manager: Rod Packard		IT Authority:	
Is Full Funding for Project Approved/Secured? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes			
11. Issues that may impact successful execution of project: Key components of this grant are of sufficient size to justify additions to the staffing levels of DPI IT. This new staff will be required to support the new systems when complete and should be part of the project team that builds these systems. Given the difficulty of adding state staff, this could delay the project start and make it impossible to support long-term.			

## Potential Agency Projects

Project Name: Race & Ethnicity Conversion
Description: Changes mandated by the US Department of Education in the reporting of race and ethnicity of students and education staff will impact a number of systems forms and reports. Conversion is likely to require significant effort to complete. Exact scope and effort is not yet known.
Resourcing: DPI IT and Program Area

## Legislative Reporting

DPI has no Information Technology projects or strategic directions to be highlighted in the statewide summary report.

## Issues

DPI has no significant issues at this time.