

Agency Operations Plan 2015-17

Agency:

Department of Public Instruction

Line of Business: (optional)

education

Contact:

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Technology Strategy:

DPI Strategic Goals

1. Provide customer service and support
2. Attract and retain quality staff
3. Support school climate and academics
The agency uses information technology for office administrative duties (in the form of desktop/laptop, email, networked drives and printers, instant messages and telephone)
The agency also uses multiple SQL database applications, web interfaces, and .NET programs to collect data from the local education agencies across the state. The data is used for federal and state reporting and oversight of federal and state programs.
4. Provide effective communication
The agency maintains a website as the main form of public communication.
The agency also utilizes desktop publishing software to produce multi-media presentations (both printed and electronic)
The agency also utilizes both the Interactive Video Network and internet webinar services to effectively communicate with stakeholders
5. Provide high quality professional development and technical assistance
The agency has partnered with EduTech to use a single help desk for the local education agencies to report data collection issues. The districts are already familiar with the EduTech help desk making training very minimal.
The agency has also assisted the state Geographic Information Systems (GIS) team with the inclusion of school GIS data into the state GIS hub
6. Engage in collaborative data driven decision making
The agency has continued to support the development of the state initiative to design and build a Statewide Longitudinal Data System

Technology Infrastructure:

- 30 desktop computers and 80 laptop computers with docking stations being used as user workstations (Windows 7 OS).
- 10 laptops and 15 projectors for checkout by agency employees.
- 12 printers (including 3 multi-function) within the agency
- Network support for four agency copiers.
- Interactive Video Network (IVN) on the 10th floor of the Capital building and Special Education (State Library) locations.
- Internet Webinar SaaS (Cisco WebEx)
- Event Planning SaaS (EventBrite)
- Survey Tool SaaS (Survey Monkey)
- Database applications are being developed using SQL 2008 R2, .NET 3.5 framework, and Visual Studios 2008

Planned Activities:

- Replace 19 desktops
- Replace 37 laptops
- Replace 4 printers (including 1 multifunction printer)
- Replace 4 projectors
- Upgrade Office from 2007 to 2013
- Upgrade Windows 7 to Windows 8
- Continue upgrade to SQL 2010 (or directly to 2012)
- Continue upgrade to .NET 4.0
- Continue upgrade to Visual Studios to 2012
- Continue development of agency intranet (using SharePoint 2013)
- Continue development of agency website (using content management system)
- Continued maintenance on agency data collection applications
- Continued support for the State Longitudinal Data System

Technologies being considered or investigated:

Social Networking/Web 2.0 – DPI needs to begin to speak to a wider audience. One method will be the various social networking channels. The fear within the agency is balancing the accuracy of information with the need to keep content current. This will involve an increased work effort to maintaining relevant content

Tablets – Agency employees are looking for support for mobile devices (primarily iPads) as a means to work while away from the office. We have concerns over security and compatibility with current programs working on a Microsoft platform. Also exploring the replacement of agency laptops with Microsoft Surface (or equivalent tablet sized devices)

Learning Management System – DPI needs a method to administer and monitor mandatory state training performed by school staff

Misc – The MIS unit in DPI is exploring different technologies and methodologies to decrease the development time of applications. We are looking into a more modular approach to application development looking to link together common functions. We currently have no one focus on a specific technology or product