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DEPARTMENT OF
TECHNOLOGY, MANAGEMENT AND BUDGET
LANSING



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FOR IMMEDIATE RELEASE

Date: July 16, 2010
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DTMB Launches Information Knowledge Management Program Led by Center for Shared Solutions

Lansing – The Michigan Department of Technology, Management and Budget (DTMB), through their Center for Shared Solutions and Technology Partnerships, is maximizing the use of government data and the analysis of that data to help define strategic priorities. With the launch of the Information Knowledge Management Program, DTMB will utilize data for a number of strategic priorities, which includes identifying new business opportunities pertaining to data, as well as using data to optimize revenue generation.

Creating this program provides DTMB and the state with a comprehensive portfolio of modern information, connectivity, communications and technology management strategies and tools. This ICT strategy builds upon Michigan's national caliber technology capabilities by integrating the recently strengthened connectivity and broadband investments, and providing information age analytic and smart computing support.

"This announcement formalizes what we have been doing for years," said Ken Theis, CIO for the State of Michigan and Director of DTMB. "Data has played a key role at the executive table, and by calling out this function and naming a Chief Data Officer within the Center for Shared Solutions, we are cementing the important role that data must continue to play in helping set the strategic direction for state government."

Collaboration is the centerpiece of Michigan's Information Knowledge Management strategy. DTMB will be using data to establish a common citizen index and master address file, support the redistricting effort, and implement the geospatial information system (GIS) business plan developed with the input of more than 300 stakeholders.

"Citizens and businesses have little tolerance for bureaucratic data silos that prevent collaboration," said Eric Swanson, Director of the Center for Shared Solutions and Technology Partnerships within DTMB, now responsible for the duties of Chief Data Officer. "The Internet has changed everything - the way we share information, the way society interacts and the way government does business – and we need to provide high-speed access to data."

The Center for Shared Solutions and Technology Partnerships has long played a critical role in pursuing key technology partnerships with local governments as well as providing critical mapping solutions for public entities. The role of Chief Data Officer will be new for Mr. Swanson, but Michigan is already well established with the work that has been done.

An already established data warehouse in Michigan represents the collaborative efforts of seven state departments housing 3.8 terabytes of active production data, which is equivalent to the data found in all the books in two college research libraries. Users conduct 20,000 transactions per day and common data sharing agreement templates are in place to enable an organization to allow another agency to use its data without jeopardizing data accuracy.

In the arena of GIS, over two gigabytes of data is accessed daily from the state's \$30 million public geographic data library by state, federal, and local agencies, as well as by private companies and the public. In fact, on-line access of GIS data exceeds one million users on an annual basis.

When it comes to the school setting, unique student identifiers enable duplicate records and data anomalies to be immediately flagged for resolution at the school district level for 1.7million student records across 4,800 public and private institutions. Redundant student data collection has been eliminated across multiple systems of record, including migrant education, career and technical education, special education, adult education, student achievement testing, and early childhood programs.

Michigan has worked to ensure that the data maintained by the state is managed effectively. A powerful suite of data management tools provides standard "ready-to-use" technology for all state agencies, producing significant savings and revenue.

In addition, DTMB has taken numerous measures to ensure the security of data, implementing state-of-the-art protection and encryption tools. Michigan's newly-formed Information Privacy Protection Council (MIPPC) develops statewide strategies for the protection of citizen data. The MIPPC was formed by executive order 2009-18, establishing a cross-agency body which directly advises the governor on matters relating to the coordination of information privacy protection measures across all executive agencies.

To learn more about the DTMB and the Center for Shared Solutions, you can visit www.michigan.gov/dtmb .

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