



Top IT Initiatives & Enterprise Solutions

2008 Information Technology Projects

This section provides a listing and description of Michigan’s top information technology projects. These represent just some of the IT projects that are underway in Michigan.

MDIT works with all Michigan government agencies to help them achieve their goals and serve Michigan’s citizens. In some cases, projects cross agency boundaries and in many cases projects are enterprise wide, serving all state government agencies. Many projects are partnerships with state agencies and local governments benefiting all of Michigan’s citizens. This list is constantly changing as projects are completed or new initiatives are identified.

The first section is a listing of the top IT projects by agency. Second is a complete list of projects providing a description for each, and showing their alignment to the Information Technology Strategic Plan and the Cabinet Action Plan.

Partner Agencies	IT Agency Business Drivers & Top IT Projects
	<p><i>Creating Opportunity in a Changing World, Diversifying our Economy, Educating our People</i></p> <p>In these tough times, government cannot be all things to all people - we have to focus on four things:</p> <ul style="list-style-type: none"> • A Job for Every Worker • Affordable Health Care for Every Family • Safe Places to Live and Work for All of Us • Quality Education for Our Citizens- Kids and Adults <p>If we focus on these four things-if we say no to distractions and divisions and if we commit to urgent action-we will emerge from this challenging decade with a leaner, smarter, stronger and more entrepreneurial Michigan.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Michigan Business Services improvement initiative ✓ Campaign to end Homelessness (Governor’s Office) ✓ Statewide Case Management for Administrative Hearings (Governor’s Office)
	<p>The Department of Community Health (MDCH) is one of the largest agencies in state government and is responsible for health policy and management of the state’s publicly-funded health service systems. MDCH IT Business Drivers: MDCH clients expect automated services and demand will increase as society moves away from employer- sponsored health care delivery systems.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ CHAMPS - Medicaid Management Information System upgrade ✓ Michigan Health Information Network (MiHIN), www.MiHIN.org ✓ Women, Infants and Children (WIC) System Replacement

Partner Agencies	IT Agency Business Drivers & Top IT Projects
	<p>The Michigan Department of Human Services (DHS) assists children, families and vulnerable adults to be safe, stable and self-supporting. DHS IT Business Drivers: Remote and mobile computing remain important to DHS along with the upgrade of legacy systems.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Bridges - Integrated Health & Human Service Eligibility system
	<p>The Department of State (MDOS) has contact with more Michigan residents than any other state agency. The department serves the citizens of Michigan with programs designed to administer driver and vehicle systems, enhance traffic safety, protect consumers, ensure integrity of records maintained and oversee the statewide elections process. MDOS IT Business Drivers: MDOS will continue to benefit from Web and video-conferencing and will focus on technology re-engineering that will result from the BAM project.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Business Application Modernization (BAM) ✓ Secretary of State Motor Vehicle and Driver's License systems ✓ Self-Service Stations
	<p>The Michigan Department of Corrections (MDOC) provides public protection, while making the most efficient use of the state's resources, by ensuring that appropriate supervision is maintained so that Michigan's neighborhoods, families and citizens can be protected. MDOC IT Business Drivers: MDOC is moving toward mobile technologies, electronic file storage, Web-based technologies and biometrics.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Michigan Prison Re-entry Initiative ✓ Offender Network Management Information
	<p>The State Budget Office (SBO) is responsible for coordinating all aspects of the state budget including development of the Executive Budget recommendation, presentation of the budget to the Legislature and implementation of the budget after enactment.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Financial System Study - Next Generation ✓ Time and Expense ✓ Michigan Information Data Base (MIDB) Business Objects Upgrade

Partner Agencies	IT Agency Business Drivers & Top IT Projects
	<p>The Department of Environmental Quality (DEQ) ensures that Michigan's land, air and water remain clean by regulating sources of pollutants, maintaining standards, limiting hazardous and toxic pollutants, informing the public about current conditions and administering diverse prevention programs.</p> <p>DEQ IT Business Drivers: DEQ sees more orientation to online Web-based services, mobile computing and data access to central electronic files, use of GIS and collaboration tools.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ e-Manifest - Electronic Manifest Tracking System ✓ Health and Environment Data Integration Project for Homeland Security
	<p>The Department of Labor and Economic Growth's (DLEG) mission is to grow Michigan by promoting economic and workforce development, stimulating job creation and enhancing quality of life in Michigan.</p> <p>DLEG IT Business Drivers: DLEG will increase use of the Internet to provide customer service, generating the need for more Web-based applications. However traditional paper intake will remain so document management for routing and paperless document access (via scanned images) will be needed. There will also be a need for greater use of available and emerging technologies.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Commercial Services Licensing System ✓ Unemployment Insurance Agency System Re-write Phase 1 - Business Requirements Gathering
	<p>The Department of Management and Budget (DMB) provides financial, auditing, human resources, fleet, travel, state procurement, printing and mailing services, as well as facility design, construction and operation services. DMB manages the activities of the State Building Authority and Office of Retirement Services (ORS).</p> <p>DMB IT Business Drivers: DMB will develop more collaboration tools (videoconferencing, Web conferencing) and create more online citizen services. More must be done despite decreasing staffing.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Vision ORS ✓ Fleet Management Upgrade ✓ Data Archive Project

Partner Agencies	IT Agency Business Drivers & Top IT Projects
	<p>The Department of Natural Resources (DNR) is responsible for the conservation, protection, management, use and enjoyment of the state’s natural resources for current and future generations. DNR IT Business Drivers: DNR anticipates that citizens will expect ubiquitous access to information they want, when they want and by what means they want. With that in mind, DNR will pursue a single point of sale for hunting and fishing licenses and comprehensive data and file management.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Integrated Forest Management Application ✓ Retail Sales System Upgrade ✓ Vegetative Management System
	<p>The Department of Education (MDE) has responsibilities in the areas of early childhood development, educational assessment, educational technology, school improvement, professional preparation, special education, school aid, school finance and technical education. MDE IT Business Drivers: MDE needs business inquiry tools as a means to create meaningful summaries from different data sources. They will also be seeking more remote training tools and training on-demand opportunities.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Converting the MEAP Exam
	<p>The Department of History, Arts and Libraries (HAL) provides access to information, preserving and promoting Michigan’s heritage and fostering cultural creativity. The department includes the Library of Michigan, the Mackinac Island State Park Commission, the Michigan Council for Arts and Cultural Affairs, the Michigan Film Office and the Michigan Historical Center. HAL IT Business Drivers: HAL is seeking the ability to accept online payments without high transaction fees, enhance distance learning/online real-time participation, facilitate registration for workshops and conferences, improve database searching and use geographic information, such as Google Earth.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Document Management Program

Partner Agencies	IT Agency Business Drivers & Top IT Projects
	<p>The Michigan Department of Agriculture (MDA) has a dual role of regulator and marketer. MDA provides Michigan citizens with quality services and information by working cooperatively with many state, federal and local agencies and other organizations including universities, colleges and associations. MDA IT Business Drivers: MDA will be pursuing additional communication tools such as instant messaging to improve internal efficiencies, provide additional customer service options and improve workforce retention; online and centralized business licensing and registration (including personal certifications) and a rework of the model for providing examinations and credential authentication for pesticide applicators and weights and measures service personnel.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Animal Identification System ✓ Licensing System Upgrade
	<p>Michigan Department of Transportation (MDOT) works to provide the highest quality integrated transportation services for economic benefit and improved quality of life. MDOT IT Business Drivers: MDOT will pursue business continuity planning to collaborate with local governments, increase self-service opportunities, (permits, reports, and traffic information), use more mobile computing and collaboration tools and increase its Web-based services while sharing data between systems (geographic information).</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Legacy Application Modernization Program (LAMP) ✓ FieldManager Enhancement - Next Generation ✓ Vehicle Information Integration VII ✓ C-Track (Contract Administration System)
	<p>The Michigan Department of Information Technology's (MDIT) mission is to transform the way government operates while delivering innovative information technology solutions with excellence and integrity.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Human Capital Management and Employee Development ✓ Leadership Development Program ✓ Succession Planning ✓ M/I - ADOPT Migration Summary
	<p>Michigan Economic Development Corporation (MEDC) is working to promote economic development and tourism in Michigan. MEDC IT Business Drivers: MEDC would like to see Voice Over Internet Protocol (VoIP) to assist with access to the state by the mobile workforce. Also, MEDC sees their Web presence growing over the next 3-5 years.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Michigan.org site changes

Partner Agencies	IT Agency Business Drivers & Top IT Projects
	<p>The Michigan State Police (MSP) provides general law enforcement services, and has the responsibility for the development and coordination of state-level programs, technologies and specialized services that enhance enforcement and emergency response capabilities for the entire public safety community. MSP IT Business Drivers: MSP is exploring geographic information systems (GIS) for crime mapping, real-time data collection and analysis and expanding video feeds to the operations center. MSP expects an interest and demand for Internet tools to increase, such as the Internet Criminal History Access Tool and the Public Sex Offender Registry, as well as expanding uses for mobile computing (devices used in working from the field, onsite inspection devices) and collaboration tools (videoconferencing, Web conferencing).</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Create a Fusion Intelligence Center
	<p>The Office of the State Employer (OSE) works with contract negotiations, employee services, employee health management and great workforce development. OSE IT Business Drivers: OSE anticipates additional utilization of videoconferencing and Web conferencing and also predicts an increased need for mobile computing. Other opportunities include wireless access.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Vision and Values Initiatives ✓ Agency Survey Support ✓ Re-engineering Program
	<p>The Michigan Department of Treasury (Treasury) collects, invests, and disburses all state monies and administers major tax laws, property tax laws and safeguards the credit of the state and its local units of government. Treasury also invests retirement funds of Michigan's state employees, public school employees, state police and judges. In addition, Treasury distributes revenue-sharing monies to local units of government, audits municipal finance records and reunites abandoned property with its rightful owner.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Audit Selection System Upgrade ✓ Michigan Business Tax System re-write ✓ New MERIT Award

B

Top Initiatives

Partner Agencies	IT Agency Business Drivers & Top IT Projects
	<p>The Department of Civil Rights (MDCR) investigates and resolves discrimination complaints and works to prevent discrimination through educational programs that promote voluntary compliance with civil rights laws. MDCR IT Business Drivers: MDCR has a need to replace aging equipment which impact system availability; improve the customer Web interface, enhance remote and mobile access and promote Web and videoconferencing in an effort to expand existing business process automation.</p> <p>Top IT Project:</p> <ul style="list-style-type: none"> ✓ Addition of customer Web interfaces
	<p>The mission of the Michigan Department of Civil Service (MCSC) is to provide innovation and effective and timely human resources (HR) consultation and services to attract, develop and retain a workforce that is diverse, flexible, creative and competent to meet the ever-changing needs of state government. MDCS IT Business Drivers: New Web-based services (sharing data between systems), enhanced collaboration tools (videoconferencing, Web conferencing) and MDIT resources in Web-based technologies (.net, Java, etc.). In addition, business inquiry tools are needed as a means to create meaningful summaries from different data sources, as well as increasing the use of videoconferencing and remote training tools such as training opportunities on-demand.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Lawson Software Upgrade
	<p>The mission of the Bureau of State Lottery (Lottery) is to maximize net revenues to supplement state education programs, provide fun and entertaining games of chance and to operate all games and bureau functions with total integrity. Bureau of State Lottery IT Business Drivers: Lottery has a need to become more service-oriented in meeting the needs of both retailers and customers and plans to expand the services that are available to both retailers and players, via the Web and kiosks.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ Lottery solution upgrade
	<p>The vision of the Department of Military And Veterans Affairs (DMVA) is to be a proud military and veteran's organization, characterized by excellence and integrity for the fulfillment of their duties to our nation, state and to one another. Our values include integrity, excellence, teamwork and accountability. DMVA IT Business Drivers: The DMVA would benefit from accepting application for benefits/entitlements at a central office rather than geographically-separated ones.</p>

Partner Agencies	IT Agency Business Drivers & Top IT Projects
	<p>The Michigan Supreme Court is Michigan’s court of last resort, consisting of seven justices. Each year, the Supreme Court receives over 2,000 applications for leave to appeal from litigants primarily seeking review of decisions by the Michigan Court of Appeals. The Supreme Court’s authority to hear cases is discretionary. In addition to its judicial duties, the Supreme Court is responsible for the general administrative supervision of all courts in the state. The Supreme Court also establishes rules for practice and procedure in all courts. The Supreme Court IT Business Drivers: The Court is seeking greater use of collaboration tools and data sharing and needs workflow and document management solutions.</p>
	<p>Within the Michigan Attorney General’s (AG) Office are the Child and Family Services Bureau, the Consumer Protection and Criminal Prosecutions Bureau, the Economic Development and Oversight Bureau, the AG Executive Office and the Governmental Affairs Bureau. The AG’s Office IT Business Needs: The AG’s office wants to develop the full functionality of existing applications and put in place more electronic interaction options between the courts and clients, increasing access to the IT environment.</p> <p>Top IT Projects:</p> <ul style="list-style-type: none"> ✓ FileMaker Database Replacement

Shared IT Services (Enterprise-Wide Projects)	
	<p>Shared IT services are services and applications vital to more than one agency that can be centrally managed as a service center. Shared IT Services will serve an increasingly important role as the state strives to improve service delivery and efficiency. Through consolidation and standardization the state of Michigan is better prepared to expand it’s utilization of shared IT services.</p> <p>Below are examples of shared IT service area’s that the state is pursuing:</p> <ul style="list-style-type: none"> ✓ Business Objects Service Center ✓ Citrix Service Center ✓ Data Warehouse ✓ Document Management ✓ MI e-Grants

Top IT Project Descriptions

Below is a comprehensive list of state IT projects along with short descriptions for each. The columns to the right identifies the project's alignment with the Information Technology Strategic Plan goal areas and the priorities of the governor and the state of Michigan Cabinet Action Plan.

The five 2008 Michigan priority areas are:

				
Economy	Education	Communities	Better Government	Health & Human Services
Alternative Energy & Economic Development	Preparing All Students For Success	Protecting Our Families & Our Quality of Life	Making Government More Cost Effective & Efficient	Making Health Care Affordable & Accessible

#	Project	Description	State Priority
1	Advance Traffic Management System – ATMS	The Michigan Intelligence Transportation Services Center software will provide a framework for automatic incident detection at Michigan Department of Transportation facilities and provide automated responses to these incidents based on real-time traffic information. In addition, the software will provide enhanced capabilities to share data and video with multiple partners both in the Metro Detroit area and statewide.	
IT Plan Goal Alignment: 1, 2 and 5			
2	Aging Hardware/Lifecycle Replacement	Phase out the older desktop operating systems and standardize the state on Windows XP. Also phase out Windows NT servers providing office automation support.	
IT Plan Goal Alignment: 3			
3	Animal Identification System	This Michigan system supports the federal NAIS program (The National Animal Identification System) under United States Department of Agriculture.	
IT Plan Goal Alignment: 3			

#	Project	Description	State Priority
4	Bridges	Bridges is re-engineering and integrating processes associated with the eligibility determination and case management of Michigan citizens seeking state assistance in human services (food, medical insurance, day care, basic economic needs, etc). It is developing integrated and automated tools that support these processes.	
IT Plan Goal Alignment: 2 and 6			
5	Bridge Scour Management System	Provide an Internet-based method for filling out scour critical bridge action plan forms, store the form information in the department's bridge database and provide management tools for bridge managers to use when managing the state's scour critical bridges during flood events and for asset management.	
IT Plan Goal Alignment: 2			
6	Business Application Modernization (BAM) – Driver License and Vehicle Registration	BAM is a multi-phased project that includes re-engineering the business processes, developing business requirements, designing and eventually building a technical infrastructure to support Department of State business	
IT Plan Goal Alignment: 2			
7	Campaign to end Homelessness	Identify current data systems that will be used as tools for decision makers to make better policy decisions, and help target state programs (food stamps, WIC etc.) toward this population.	
IT Plan Goal Alignment: 2			

B

Top Initiatives

#	Project	Description	State Priority
8	Civil Rights and Labor Management System (CLRMS)	AASHTO (American Association of State Transportation and Highway Officials) is working on a standalone module, Civil Rights Labor Management Software (CRLMS), that meets federal reporting requirements for civil rights and would interface with other Transport modules to reduce the need to prepare manual reports. CRLMS will allow more effective management of an agency's external civil rights and labor compliance activities and functions. Over time, these activities will include employment, prevailing wages, disadvantaged business enterprises (DBEs), minority business enterprises (MBEs), women-owned business enterprises (WBEs), on-the-job training, federal/state reporting and payments.	
IT Plan Goal Alignment: 3			
9	Commercial Services Licensing System	Allow online license insurance application and renewals, monitoring of license compliance and reduce manual business support functions.	
IT Plan Goal Alignment: 1			
10	Construction Permitting System (CPS)	Provide online application and processing to facilitate issuance of construction permits nationwide.	
IT Plan Goal Alignment: 1			
11	Converting the MEAP Exam	Michigan high school students take the MEAP exam to determine if they demonstrate sufficient knowledge and understanding of the state's curriculum benchmarks and standards. Results of this assessment are one of the leading indicators in the No Child Left Behind (NCLB) Adequate Yearly Process (AYP) calculation of school performance. Students also take a college entrance exam, typically the ACT test. This project will provide a replacement test to serve both purposes, a student achievement test and a college entrance exam.	
IT Plan Goal Alignment: 1 and 2			

#	Project	Description	State Priority
12	Create a Fusion Intelligence Center	The system will: support receiving, storing, processing and distributing intelligence to and from agencies at the federal, state, and local level; ensure that queries and responses are processed within homeland security parameters; establish and implement technology for intelligence sharing; coordinate the flow of intelligence data and information; and acquire and maintain access to various government intelligence data systems. The ability to directly work with federal law enforcement cannot be obtained with computer programs. The close and daily contact will allow for more accurate information exchange than search engines.	
IT Plan Goal Alignment: 3 and 5			
13	Critical Information Security Upgrade (CISU)	Provide upgrades to the State's IT infrastructure to limit the risk to zero-day virus attacks and botnets.	
IT Plan Goal Alignment: 3			
14	Cross Boundary Initiatives	<p>The Cross Boundary initiatives include:</p> <ul style="list-style-type: none"> ✓ Local Government Status Board (LGSB) access to information and notifications of occurrences affecting local government ✓ Michigan Health Information Network (MiHIN) allows health care providers to have improved access to patient health care information at the point of care and allow Michigan citizens to have improved access to their own information. ✓ Michigan Sharing Information and Analysis Center (MI ISAC) provides a central resource for gathering information on cyber threats to critical infrastructure throughout the state and provides two-way sharing of information between and among state and local governments, educational institutions and emergency management entities. 	
IT Plan Goal Alignment: 5			
15	C-TRAK (Contract Administration System)	Implement a seamless contract system to monitor and track all service contracts within MDOT.	
IT Plan Goal Alignment: 3			

B

Top Initiatives

#	Project	Description	State Priority
16	Data Center Capital Outlay	In the next few years the state of Michigan will require addition space for data center facilities. This project is to create a capital outlay plan for a new data center. The state is researching the possibility of a data center that can be shared with others.	
IT Plan Goal Alignment: 3 and 5			
17	Data Warehouse – Shared Services	Manage and enhance shared services through the data warehouse as agency participation and demand increase.	
IT Plan Goal Alignment: 2			
18	Disaster Recovery Planning	Develop disaster recovery (DR) and service level agreements (SLA) between MDIT and state agencies. The agreements will outline detailed systems configuration and DR requirements for every one of the state's 33 critical applications.	
IT Plan Goal Alignment: 2 and 3			
19	Document Management Program – Shared Services	Currently various state agencies are randomly undertaking document management projects. These projects may not be considering solutions already in place within that agency or other State agencies or how those solutions could be leveraged, in part or in total, for new projects. There is currently no state of Michigan central resource for document management project implementation. This project will develop a State of Michigan document management strategic policy and plan. The plan will take into account the needs and limitations of state agencies and provide options for implementation. It will provide state-wide standards /criteria for screening potential document management projects, a recommended screening process and a mechanism for conducting the screening.	
IT Plan Goal Alignment: 2			
20	E-Discovery Strategy	Assist state Agencies to better understand the new requirements for providing electronically- stored information as part of the discovery process in civil and criminal cases. Assist in determining the state of Michigan's obligation to respond to e-discovery requests.	
IT Plan Goal Alignment: 3			

#	Project	Description	State Priority
21	e-Manifest – Electronic Manifest Tracking System	Michigan is the project lead for this EPA-funded effort to develop a multi-state electronic tracking system to provide management of waste manifests from initiation to closure.	
IT Plan Goal Alignment: 5			
22	Field Manager Electronic Approvals	Automate the approval process for certain FieldManager (Construction Field Manager) reports to include the Construction Pay Estimate Report, Contract Modification and Contractor Performance Evaluation. The National Pollutant Discharge Elimination System (NPDES) Inspection Report (MDOT form 1126), in addition to significant user suggested enhancements, will be included in the system.	
IT Plan Goal Alignment: 3			
23	Field Manager Enhancement – Next Generation	The Field Manager suite of software manages, tracks and processes Michigan’s entire \$1.4 billion annual road and bridge construction program. More than 2,000 people working at 280 MDOT, local government agencies, engineering consultant firms, and construction contractor facilities across the state use the software. Field Manager allows better management of road and bridge projects by reducing administrative overhead, yielding greater value per taxpayer dollar. It is critical the software operates correctly and is maintained and upgraded to meet changing business needs and updates to technical environments. The purpose of this project is to develop two upgrades to the Field Manager suite. The first is a minor upgrade addressing issues of immediate concern, and the second is a major upgrade containing a variety of improvements. The upgrades include software modifications due to business rule changes, audit requirements, changing technology and standards compliance. The upgrades will also improve performance and reduce long-term maintenance costs.	
IT Plan Goal Alignment: 3			

B

Top Initiatives

#	Project	Description	State Priority
24	FileMaker Database Replacement	Replace the Department of Attorney General's current database system with new information management system (IMS) to monitor, increase accessibility to and report on the department's work. The department needs a new software management system to manage its core mission of providing effective and efficient legal representation to the State of Michigan.	
IT Plan Goal Alignment: 2			
25	Financial System Study – Next Generation	The study will examine the costs associated with both retaining and replacing MAIN, the State's financial system. It will determine the best course of action for the future of MAIN as it fits into state business: retain and maintain, replace in pieces or replace entirely.	
IT Plan Goal Alignment: 2			
26	Fleet Management System - MDOT	Develop or purchase an application to provide the department increased ability to plan, track, monitor, analyze and report on fleet information, assets and investments. This includes, but is not limited to, providing a central data repository to track inventory, service, preventive maintenance and cost data for the entire MDOT Fleet including all MDOT-owned and leased/rented vehicles and equipment.	
IT Plan Goal Alignment: 3			
27	Fleet Management System Upgrade – DMB	Upgrade the current system used by the Department of Management & Budget to manage state of Michigan fleet vehicles.	
IT Plan Goal Alignment: 3			

#	Project	Description	State Priority
28	Grade Crossing Management System	The Michigan Department of Transportation (MDOT) is responsible for enforcing safety and regulatory initiatives impacting railroad companies and road authorities in Michigan. These laws govern maintenance and installation of traffic warning devices at approximately 5,100 public grade crossings throughout the state. The Rail Safety Section of MDOT's Freight Services & Safety Division (FS&SD) inspects public grade crossings to ensure that each grade crossing is in compliance with Michigan's standards. FS&SD uses the Grade Crossing Management System (GCMS), an automated system for the systematic inspection of public crossings and the electronic collection and processing of condition data.	
IT Plan Goal Alignment: 3			
29	Health and Environment Data Integration Project for Homeland Security	Michigan is the project lead for this EPA-funded effort to develop a multi-state system for managing the appropriate exchange of homeland security related information for emergency response purposes.	
IT Plan Goal Alignment: 5 and 6			
30	Human Capital Management and Employee Development	This initiative primarily focuses on MDIT employees and internship program participants. Professional development and job alignment improves the MDIT work environment and ultimately leads to higher productivity and client satisfaction.	
IT Plan Goal Alignment: 4			

B

Top Initiatives

#	Project	Description	State Priority
31	Integrated Forest Management Application	The Integrated Forest Monitoring Assessment and Prescription (IFMAP) project is DNR's landscape inventory and decision support environment. A central feature of this environment is a geographic information system application that brings landscape inventory information and geographic analysis tools to the desktop of natural resources managers. This tool referred to as the IFMAP Geographic Decision Support Environment (GDSE). IFMAP supports sound decision-making on timber sale, so that the state of Michigan forests remain a renewable resource. This application supports a DNR revenue-generating program (timber sale) and the management of the forest and its habitat.	
IT Plan Goal Alignment: 2 and 6			
32	K-20 Data Warehouse	Develop a data warehouse to store information about learners and job seekers collected from a variety of sources, including: student data collected and maintained by Center for Educational Performance and Information (CEPI), job training participation data maintained by DLEG and DHS, higher education student data maintained by community college and university systems and wage record data maintained by the Unemployment Insurance Agency. The data will be stored centrally and securely within a data warehouse. The system will allow tracking of students from K-12 into a post secondary/vocational training setting and then into the labor market. The system will allow for targeted study of programs and initiatives and their impact on improving grade-level achievement, job placement and economic growth.	
IT Plan Goal Alignment: 1 and 5			

#	Project	Description	State Priority
33	Legacy Application Modernization Program (LAMP)	LAMP is a Department of Transportation (DOT)/Department of Information Technology (DIT) strategic initiative. The goal is optimization of MDOT's investment and operational infrastructure to enable business and IT agility. This means modernization of over 100 applications currently in PowerBuilder, FoxPro, ColdFusion and other technologies. Program objectives include moving to current, sustainable technologies that may be delivered to users via internet browser technology. Additionally, this will allow MDOT to deliver applications to users that provide a common look and feel; reducing user learning and time required to maintain applications.	
IT Plan Goal Alignment: 2 and 5			
34	Lawson Software Upgrade	Migration of the human resources application system to JAVA platform for development and production. When completed the Lawson system will be more Web compatible and have additional functionality.	
IT Plan Goal Alignment: 4			
35	Leadership Development Program	This program is designed to provide help and support to leaders at all phases of their careers. The program is based on the theory that everyone is a leader and that differing types and levels of support are needed depending on where they are at in their career	
IT Plan Goal Alignment: 4			
36	Lottery solution upgrade	Upgrade of the Lottery terminal network and services provided. The new application development environment, and associated development tools, will help the Lottery to more efficiently and effectively meet the demanding needs of the Lottery. The effort will also expand the services available to both retailers and players via the Web.	
IT Plan Goal Alignment: 1			

B

Top Initiatives

#	Project	Description	State Priority
37	MBT – MI Integrated Tax Administration System (MIITAS)	MIITAS will significantly improve the efficiency of tax processing and tax administration. The solution will enable increased revenue generation, provide the ability to adapt to changes and additions to tax laws, increase voluntary compliance of taxpayers and increase self-service and electronic filing, refunding and payment options.	
IT Plan Goal Alignment: 1 and 6			
38	MDIT Apprenticeship	Working with Lansing Community College, the program provides students the ability to work for the state of Michigan and gain hands-on experience. This is a win-win for all sides as it provides the state with technology talent and allows students to gain credits while working.	
IT Plan Goal Alignment: 4			
39	Medicaid Management Information System (MMIS) – CHAMPS	Replace the existing MMIS for the state of Michigan. The Medicaid Management Information System was first developed in the late 1970's. It is a batch COBOL system running on the BULL mainframe. The object of this project is to replace it with a system that is certifiable by the federal government and run with current software on a more current platform. This will allow DCH to make enhancements and changes requested by both the federal government and the state in a timely manner, with most done by the business area through table updates. Online tools will be added that will give providers the ability to enter claims, update their records in the Provider Enrollment area, etc.	
IT Plan Goal Alignment: 2			

#	Project	Description	State Priority
40	Michigan/1 (M/1)	MDIT was formed to mitigate the issues associated with the autonomy and diverse directions pursued by the individual departments and agencies when implementing information technology initiatives. Michigan/1 is one of the MDIT efforts toward achieving this objective. By establishing the framework for the utility computing environment through desktop standardization, messaging consolidation, an integrated and scalable directory service for providing authentication and a standardized file and print environment, MDIT has developed the basis to leverage equipment, people, processes and tools. The overall purpose of Michigan/1 is to set direction.	
IT Plan Goal Alignment: 3			
41	MI e-Grants	Provide a citizen portal for all grants in the state to allow search and find grants that are available.	
IT Plan Goal Alignment: 1, 5 and 6			
42	Michigan Business Services improvement initiative (MBSii)	Create a one-stop shop for businesses. This effort will eliminate multiple, disparate agencies and sources of information that exist for businesses to obtain information and interact with to obtain requisite licenses/permits to operate in the state.	
IT Plan Goal Alignment: 1 and 6			

B

Top Initiatives

#	Project	Description	State Priority
43	Michigan Prison Re-entry Initiative (MPRI)	MDOC has adopted a new model of custody and supervision for the nearly 70,000 prisoners and parolees under its jurisdiction. Dubbed MPRI, the model is based on sound scientific research that demonstrates targeted supervision strategies coupled with carefully crafted treatment interventions to “produce sustained reductions in (offender) recidivism.” The assessment system must not only reliably predict the offender’s risk to recidivate, commit violent acts, comply with supervision rules or abscond from supervision, but must also accurately measure and prioritize the offender’s criminogenic needs that must be addressed during custody and supervision to reduce the identified risk. With an assessment tool in place that meets these criteria, MDOC will have the ability to identify target populations for specific custody and supervision strategies and treatment interventions.	
IT Plan Goal Alignment: 2			
44	New MERIT Award	This effort will enhance the staying power of students in post-secondary education settings by shifting MERIT payments to after successful completion of two (2) years of college or career training. It will also increase the employability of Michigan residents and expand the economy of the state.	
IT Plan Goal Alignment: 1			
45	Offender Network Management Information (OMNI)	A parole/probation tracking system that will transition the Department from a manual, individual investigation/supervision system to an automated, department-wide system. In addition to automating the majority of investigative and supervision tasks and responsibilities, OMNI will incorporate case management information for over 50,000 probationers and expand the information maintained on parolees and prisoners under community supervision. OMNI will also serve as the base for a prisoner-tracking information system to replace the CMIS mainframe application.	
IT Plan Goal Alignment: 2 and 5			

#	Project	Description	State Priority
46	Program/Project Management System (P/PMS)-Replacement (MDOT)	P/PMS schedules, monitors and reports the tasks and milestones involved in the Department of Transportation's pre-construction plan development process. Information is available at a project and program level. The project will determine if there is a Web-based system with the capability to replace the functionality currently in P/PMS.	
IT Plan Goal Alignment: 3			
47	Retail Sales System Upgrade	Enhance current DNR services provided to citizens.	
IT Plan Goal Alignment: 1			
48	Security for the Mobile Worker	Expand past the current network-attached laptop/docking station in a workers office to a variety of mobile devices that allow e-mail access up to a total package of items that can access state applications, printing and scanning along with Internet and state network access. The solution will include the link into the first phase of endpoint security.	
IT Plan Goal Alignment: 3			
49	Security – Training and Culture	Criteria, curriculum, and guidelines for end user security awareness training and technical system administrator training	
IT Plan Goal Alignment: 3 and 5			
50	Self-Service Stations	Expansion of the kiosk delivery channel to accommodate other public services into one device.	
IT Plan Goal Alignment: 1			
51	Single Sign-On – Identity Management	Simplify user access to the state's application systems through the use of single sign-on portal. This portal will provide each user a single user ID and password access for entry to major application systems. Single sign-on will provide enhanced security for our computing environment and simplify our support efforts in user ID and password management.	
IT Plan Goal Alignment: 3			
52	Statewide Case Management for Administrative Hearings	Provide a single, standardized system to manage administrative hearings in several departments.	
IT Plan Goal Alignment: 2			

B

Top Initiatives

#	Project	Description	State Priority
53	Streamline Commodity Purchases	Provide a Web-based IT commodity tracking tool to manage IT commodity purchases. The effort will encourage the purchase of standard or commonly-purchased products through expedited request and approval mechanisms. This will allow end users and stakeholders to find the status of each request and track metrics of time spent in each functional area of the procurement process.	
IT Plan Goal Alignment: 3			
54	Streamline Service Purchases	Streamline service purchases by utilizing an agreed-upon IT statement of work (SOW) template that will clearly identify work to be performed, time frames, outcomes and deliverables and cost. The business requirements will be incorporated into the new SOW templates. Implementation of a risk assessment template and risk assessment plan will be used for new contracts/projects. This risk assessment will help the contract office determine bid process, evaluation method, negotiation strategy and level of project and contract management. This process will involve DMB buyers earlier in the SOW development and pre-award processes.	
IT Plan Goal Alignment: 3			
55	Succession Planning	By identifying trends and projections for potential employee departure, succession planning is MDIT's effort to plan for continuity of operations by developing in MDIT employees the skill sets that will be required to meet future departmental needs.	
IT Plan Goal Alignment: 4			

#	Project	Description	State Priority
56	State Unified Information Technology Environment (SUITE)	Bring the Michigan Department of Information Technology (MDIT) systems development areas up to CMMI Level 3 compliance to ensure consistent process usage throughout the organization. This includes using the same Project Management Methodology (PMM), Systems Engineering Methodology (SEM), process management and supporting processes across all systems development areas within MDIT. The overall goal of SUITE is to integrate project management, systems engineering, process management, and supporting processes into a single unified environment.	
IT Plan Goal Alignment:			
57	Telecom 10%	Based on an Executive Directive, this effort will reduce telecom expenditures by 10% (approximately \$6 million).	
IT Plan Goal Alignment: 3			
58	Time and Expense	Evaluation of the current state employee time-keeping and expense-reporting systems to determine future requirements and enhancements.	
IT Plan Goal Alignment: 3			
59	Unemployment Insurance Agency System Re-write Phase I – Business Requirements Gathering	Michigan’s unemployment systems will be redesigned to better share information between the tax, benefit and wage-reporting components. This project replaces technology, which was incrementally developed over ten years, with a unified system architecture that will be easier and less expensive to maintain and support.	
IT Plan Goal Alignment: 3			

B

Top Initiatives

#	Project	Description	State Priority
60	Vehicle Information Integration VII	This technology is also related to intelligent transportation systems (ITS). Generally, the technology manages information about vehicles, the road traveled, area traffic signals, etc., to provide a number of applications where drivers can be informed to avoid possible crashes, congestion, etc. Various nationwide task forces have identified hundreds of possible applications of this technology to improve transportation systems and safety. Building these applications and employing this technology involves sharing information from internal vehicle sources (like OnStar and similar systems), traffic signals, other vehicles, state and local jurisdictions, road sensors, etc. So far, Michigan has been a leader in this technology and we are positioned well to further develop the technology, with the potential to generate a significant number of high tech research and technology jobs in the field.	
IT Plan Goal Alignment: 1 and 6			
61	Videoconferencing	Videoconferencing (also known as a video teleconference) is a meeting among persons where both telephony and video technologies are utilized simultaneously. Video-teleconference communication is multi-way and synchronous, as it would be if all parties were in the same room located in various locations and managed by different agencies. This effort consolidates and leverages videoconferencing capabilities across the state.	
IT Plan Goal Alignment: 3			
62	Video Streaming	Video streaming is playing video immediately as it is downloaded from the Internet, rather than storing it in a file on the receiving computer first. Streaming is accomplished by the way of Web browser plug-ins, which decompress and play the file in real time. This technology currently exists and is being used in the Michigan.gov Web site. This effort will identify business areas that can benefit from this technology.	
IT Plan Goal Alignment: 1			

#	Project	Description	State Priority
63	Vision and Values Initiatives	This is an ongoing effort within MDIT and is coordinated with Governor Granholm's Executive Branch Values Awareness Alignment and Performance Management initiative. This provides guidance in aligning employees' personal values, interests and skills with enterprise values.	
IT Plan Goal Alignment: 4			
64	Vision ORS	Replace outdated technology and manual systems at the Office of Retirement Services (ORS). It includes a Web front end and provides significantly better customer service for retirees. In phase III of this project, self-service functionality will be added to the retirement benefits system. Also, the development and ongoing maintenance of this system, which is currently supported by an external vendor, will be in-sourced.	
IT Plan Goal Alignment: 3			
65	Voice over Internet Protocol/Voice Consolidation	Michigan is evaluating a VoIP solution because of the aging of our legacy telecom system. In addition, consolidating voice and data networks will reduce costs. Savings would come from long distance service savings and single network infrastructure savings. The technology will improve productivity and provide management and support savings - one staff to manage both voice and data; adding and changing phones become simpler, often accomplished via a software application versus a technician visit; and enhanced mobility, - calls reach users immediately, even when out of the office.	
IT Plan Goal Alignment: 3			
66	Web Self-Service	Enhance the Department of Management & Budget's current self-service delivery channels offered to its partners.	
IT Plan Goal Alignment: 1			

B

Top Initiatives

#	Project	Description	State Priority
67	Wireless Infrastructure	MDIT offers a wireless (WiFi) service to state employees in managed facilities. This service is ideal for sites that cannot use standard building wiring due to building codes, historical considerations or the cost prohibition of providing wired connectivity. A few of the many benefits of wireless service are rapid deployment, easy installation and the greatly reduced cost of network deployment. Additional requirements are SecureID authentication and a virtual private network (VPN) to connect to the state of Michigan network.	
IT Plan Goal Alignment: 3			
68	Women, Infants and Children (WIC) System Replacement	Replace the existing WIC MTRAX system for the state of Michigan. The MTRAX system is a batch Cobol system that was first developed in the early 80's. The object of this project is to replace the MTRAX system with a system running current software on a more current hardware platform.	
IT Plan Goal Alignment: 2			