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# Initiatives & Solutions

## 2010 Information Technology Projects

This section lists and describes Michigan's top information technology projects. These are just some of the ICT projects underway in Michigan.

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

The first section lists the top ICT projects by agency. The second is a complete list of projects and their descriptions as well as their alignment to the Information Technology Strategic Plan and the Cabinet Action Plan.



**Partner Agency:** Executive Branch

**IT Agency Business Drivers:** Creating Opportunity in a Changing World, Diversifying our Economy, Educating our People

In these tough times, government cannot be all things to all people. We have to focus on these things:

- Creating Jobs Through Diversification
- Creating a Well-Educated, Highly Trained Workforce
- Protecting Michigan's Citizens and Their Pocketbooks

If we focus on these things, if we say no to distractions and divisions, and if we commit to urgent action, we will emerge from current challenges with a leaner, smarter, stronger and more entrepreneurial Michigan

### Top ICT Projects:

- ✓ Michigan Business One Stop
- ✓ Connect every region of the state to high-speed Internet service
- ✓ E-Michigan enhancements



**Partner Agency:** Department of Community Health (MDCH)

**IT Agency Business Drivers:** The Department of Community Health (MDCH) is responsible for health policy and management of the state's publicly funded health service systems. MDCH clients expect automated services. Demand for these services will increase as society moves from employer-sponsored healthcare delivery systems.

### Top ICT Projects:

- ✓ Michigan Health Information Network (MIHIN), <http://www.mihin.org/>
- ✓ Pharmacy system replacement



**Partner Agency:** Department of Human Services

**IT Agency Business Drivers:** The Michigan Department of Human Services (DHS) assists children, families and vulnerable adults to be safe, stable and self-supporting. Remote and mobile computing remain important to DHS along with upgrade of legacy systems.

### Top ICT Projects:

- ✓ Child Welfare System modernization
- ✓ Document Management
- ✓ Bridges Self-Service

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**Partner Agency:** Department of State (MDOS)

**IT Agency Business Drivers:** The Michigan Department of State (MDOS) 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 will continue to benefit from Web and videoconferencing and will focus on technology re-engineering that will result from the Business Application Modernization project.

**Top ICT Projects:**

- ✓ Business Application Modernization (BAM)
- ✓ Modernization of driver's license system

**Partner Agency:** Department of Corrections (MDOC)

**IT Agency Business Drivers:** The Michigan Department of Corrections (MDOC) provides public protection while making the most efficient use of the state's resources. MDOC ensures that appropriate supervision is maintained so Michigan's neighborhoods, families and citizens are protected. MDOC is moving toward mobile technologies, electronic file storage, Web-based technologies and biometrics.

**Top ICT Projects:**

- ✓ Parolee self-service check-in using kiosks and phones
- ✓ Prisoner time computation

**Partner Agency:** State Budget Office (SBO)

**IT Agency Business Drivers:** The State Budget Office (SBO) coordinates 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.

**Top ICT Project:**

- ✓ MAIN hosting RFP

**Partner Agency:** Department of Energy, Labor and Economic Growth's (DELEG)

**IT Agency Business Drivers:** The Department of Energy, Labor and Economic Growth's (DELEG) mission is to grow Michigan by promoting economic and workforce development, stimulating job creation and enhancing quality of life in Michigan. DELEG will increase its 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 will be needed for routing and paperless document access (via scanned images). There also will be a need for greater use of available and emerging technologies.

**Top ICT Project:**

- ✓ Unemployment insurance modernization
- ✓ Corporations system re-write
- ✓ Insurance and banking system re-write
- ✓ Liquor purchasing and inventory system modernization



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**Partner Agency:** Department of Natural Resources and Environment (DNRE)

**IT Agency Business Drivers:** The Department of Natural Resources and Environment (DNRE) is committed to the conservation, protection, management, and accessible use and enjoyment of the state's environment, natural resources and related economic interests for current and future generations. DNRE anticipates that citizens will expect ubiquitous access to information they want, when they want and by what means they want. DNRE sees more orientation to online Web-based services, mobile computing and data access to central electronic files, use of GIS and collaboration tools.

**Top ICT Projects:**

- ✓ Document management
- ✓ Michigan Air Emissions Reporting System (MAERS)
- ✓ SQL2005 migration - DNR ISQL



**Partner Agency:** Department of Technology, Management & Budget

**IT Agency Business Drivers:** The Department of Technology, Management & Budget promotes a unified approach to information technology management and provides centralized administration of services, including auditing, budgeting, employee resources, financial services, fleet management, mail, printing, property management, purchasing, records management and retirement services for departments and agencies in the executive branch of state government.

**Top ICT Projects:**

- ✓ Enhanced document management
- ✓ Cloud computing
- ✓ SharePoint - Intranet
- ✓ Tridium (energy management system)
- ✓ Shared local mapping initiative
- ✓ Expanded access to mobile users
- ✓ Expanded use of social networking Web sites to reach citizens
- ✓ Shared data center



**Partner Agency:** Department of Education (MDE)

**IT Agency Business Drivers:** 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 needs business inquiry tools that enable staff to create meaningful summaries from different data sources. The department also will seek more remote training tools and training on-demand opportunities.

**Top ICT Projects:**

- ✓ State aid management system
- ✓ Statewide education longitudinal data system

## Initiatives & Solutions

**Partner Agency:** Michigan Department of Agriculture (MDA)

**IT Agency Business Drivers:** The Michigan Department of Agriculture (MDA) has the 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 will provide additional customer service options; improve workforce retention; online and centralized business licensing and registration options (including personal certifications), and rework the model for providing examinations and credential authentication for pesticide applicators and weights and measures service personnel.

**Top ICT Projects:**

- ✓ USAHerds system development
- ✓ MIInspector



**Partner Agency:** Michigan Department of Transportation (MDOT)

**IT Agency Business Drivers:**

The Michigan Department of Transportation (MDOT) provides the highest quality integrated transportation services for economic benefit and improved quality of life. 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).

**Top ICT Projects:**

- ✓ Intelligent transportation systems
- ✓ User-centered design shared services team
- ✓ Legacy Application Migration Program (LAMP)



**Partner Agency:** Michigan Economic Development Corporation

**IT Agency Business Drivers:** The Michigan Economic Development Corporation (MEDC) promotes economic development and tourism in Michigan. MEDC has several ICT business drivers. The department would like to incorporate Voice Over Internet Protocol (VoIP) to assist with access to the state by the mobile workforce. MEDC also sees its Web presence growing in the next three to five years.

**Top ICT Projects:**

- ✓ [www.michigan.org](http://www.michigan.org) site changes



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**Partner Agency:** Michigan State Police (MSP)

**IT Agency Business Drivers:** The Michigan State Police (MSP) provides general law enforcement services and is responsible 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 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. The department also sees expanded uses for mobile computing, including devices used in working from the field and for use in onsite inspection, and collaboration tools for use in video and Web conferencing.

**Top ICT Projects:**

- ✓ Automated Incident Capture System (AICS) rewrite
- ✓ National Law Enforcement Transaction System (NLETS) State, Regional and Federal Enterprise Retrieval System (SRFRS)
- ✓ Automated Fingerprint Identification System (AFIS) mobile identification



**Partner Agency:** Michigan Department of Treasury (Treasury)

**IT Agency Business Drivers:** 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 the 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.

**Top ICT Projects:**

- ✓ Tax registration modernization
- ✓ Michigan College Access Portal (MiCAP)
- ✓ Michigan Integrated Tax Administration System (MIITAS)



**Partner Agency:** Michigan Department of Civil Service (MCSC)

**IT Agency Business Drivers:** The Michigan Department of Civil Service (MCSC) provides innovative, effective and timely human resources 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 has a need for 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.

**Top ICT Project:**

- ✓ Job Specifications System and Information Application

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**Partner Agency:** State Lottery

**IT Agency Business Drivers:** 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 operate all games and bureau functions with total integrity. Lottery has a need to become more service oriented in meeting the needs of retailers and customers and plans to expand the services available to retailers and players via the Web and kiosks.

**Top ICT Project:**

- ✓ Charitable gaming application re-write

**Partner Agency:** Michigan Supreme Court

**IT Agency Business Drivers:** The Michigan Supreme Court is Michigan's court of last resort, consisting of seven justices. Each year, the Supreme Court receives more than 2,000 applications for leave to appeal from litigants that are 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 establishes rules for practice and procedure in all courts. The court is seeking greater use of collaboration tools and data sharing and needs workflow and document management solutions.

**Top ICT Project:**

- ✓ Statewide Court System

**Partner Agency:** Michigan Attorney General's (AG)

**IT Agency Business Drivers:** 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 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 ICT environment.

**Top ICT Projects:**

- ✓ Charitable trust information online

**Partner Agency:** Shared IT Service Enterprise Wide

Shared ICT services are services and applications vital to more than one agency that can be centrally managed as a service center. Shared ICT services hold 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 its utilization of shared ICT services.

**Below are examples of shared ICT service areas that the state is pursuing:**

- ✓ Business Objects Service Center
- ✓ Address standardization
- ✓ Data sharing – in/out of state government
- ✓ ETL Tools (Extract, Transform and Load)
- ✓ Shared local mapping initiative
- ✓ Document Management
- ✓ Health Information Technology
- ✓ Unified Communications



# Initiatives & Solutions

## State of Michigan Cabinet Priorities



### Creating Jobs through Diversification

*Continuing efforts to remake  
Michigan's economy*



### Creating a Well-Educated, Highly Trained Workforce

*Doubling the number of  
college graduates and giving  
every person the tools for  
success in the 21st  
century economy*



### Protecting Michigan's Citizens

*Safeguarding the physical  
and financial well-being of  
every Michigan resident  
—particularly our most  
vulnerable citizens*



### Better Government

*Making government more  
cost effective and efficient*

## Top ICT Project Descriptions

Below is a comprehensive list of state ICT projects and short descriptions of each. The project's align with the Information Communication Technology Strategic Plan goal areas and the priorities of the State.

### Animal Identification System

- This Michigan system supports the federal National Animal Identification System under the U.S. Department of Agriculture.

### Automated Incident Capture System (AICS) rewrite

- Rewrite the current incident tracking system.

### Automated Fingerprint Identification System (AFIS) mobile ID

- Allows an officer on the street or at the border to capture one or more fingerprints with a handheld device and transmit to Michigan AFIS for a positive identification.

### Bridges Self-Service

- This expansion will allow self-service intake for additional income assistance programs: cash, day care, emergency assistance and health care. This expansion will add new eligibility questions and business logic to the existing online food stamp application. Likewise, we will enhance our interactive voice response (IVR) system to allow DHS clients to check benefit status and change demographic information. This self-service expansion is needed to provide relief to caseworkers whose caseload ratio has grown from 200:1 to 700:1 in the past five years.

### 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.

### Broadband interconnectivity for health records

- Expansion of broadband communication within the state so hospitals and other health providers will have the broadband to transmit and receive electronic medical health records over the MiHIN.

### Business Application Modernization (BAM) – Driver's license and vehicle registration

- BAM is a multiphased project that includes re-engineering the business processes, developing business requirements, designing and eventually building a technical infrastructure to support Department of State business.

### Charitable gaming application rewrite

- This is a rewrite of the charitable gaming application to a .NET application.

### Charitable trust information online

- Provide the public with a means to find information in the legal files system about licensed and registered organizations via the Internet

### Child Welfare Information System modernization

- Michigan's Child Welfare Information System will be replaced because of aging technology and program weaknesses. This project will build a new custom system that replaces

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multiple child welfare tracking, reporting and financial systems. It will allow child placing agencies to have Web access for out-of-home care reporting. It will also be designed to allow field workers to make updates using mobile technology.

## Citizen Access Initiative – United Way

- 120 United Way offices will help citizens apply for assistance benefits from DHS via Helping Hand. Includes tax filing assistance (currently being done).

## Cloud computing

- The state's cloud computing strategy includes an initiative to build a government cloud – MiCloud – to securely provision a portfolio of functions internally. Part of this effort includes building a new data center that will serve as a public cloud for government entities across the state. This initiative will cut the cost of government by reducing the number of duplicate computer systems operated by cities, counties and state agencies. The plan envisions a public-sector cloud that would offer application hosting and managed services to any public entity in Michigan.

## Cogeneration Project – Secondary Complex

- Installation of a cogeneration system based on 2.3 megawatt gas turbine generators and two 1,000-ton absorption chillers at a capital cost of \$11.8 million. The project will net \$1.6 million in energy savings per year and reduce 10,386 metric tons of carbon dioxide annually.

## College Access Network

- This portal will provide students with information on postsecondary education opportunities, career preparation, college financing and grants.

## Conservation AVL upgrade

- DNRE upgrade legacy radio solution. Leverage SOM MPSCS enterprise solution for vehicle and law enforcement personnel responding to incidents.

## Cross Boundary Initiatives

The Cross Boundary Initiatives include:

- ✓ Local Government Status Board (LGSB) access to information and notifications of occurrences affecting local government.
- ✓ 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.

## Data sharing across agencies

- Several systems will share information, providing service application efficiencies internally and to citizens. For example, the Bridges application will begin sharing data with DCH's Medicaid system to automatically determine eligibility for children's healthcare.

## Data warehouse – shared services

- Manage and enhance shared services through the data warehouse as agency participation and demand increase.

## Digital air monitoring

- Upgrade analog air monitors to digital monitors. This will give more accurate and enhanced air monitoring reporting capabilities with elec updates to EPA

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## Disaster recovery planning

- Develop disaster recovery and service-level agreements between MDIT and state agencies. The agreements will outline detailed systems configuration and disaster recovery requirements for all of the state's 33 critical applications.

## Document management program

- Currently, various state agencies that are undertaking document management projects may not be aware of existing solutions within the agency or other state agencies. Many of these solutions could be leveraged, in part or in total, for new projects; however, there is no central resource for document management project implementation. This project will develop a State of Michigan document management strategic policy and plan. It will take into account the needs and limitations of state agencies and provide options for implementation. It will provide statewide standards and criteria for screening potential document management projects, a recommended screening process and a mechanism for conducting the screening.

## EDM – Electronic Document Management

- This is a storage system of paper documents that the state receives and put keys on these records so that users can view the documents using FileNet software or by systems like Champs to retrieve the data for users automatically within their applications.

DHS will use EDM to route client applications and verification documents (W2, pay stubs etc.) between a centralized intake office to field workers.

## e-discovery strategy

- Assist state agencies in understanding 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.

## e-Health

- Leverage the Oakland County e-Health system to create a statewide food and dairy inspection platform between MDA and local health agencies. Completion is targeted for September 2010.

## e-Michigan enhancements

- This is an ongoing effort to continually improve use of new technology to make citizen access to government services easier and more user friendly.

## e-Procurement

- Implement online Bid4Michigan system pushing bid solicitations out to vendors and capturing demographics on responsive parties. The system is shared with many community colleges. A parallel system exists for local units of government. The system is capable of receiving responses online and has evaluation and comparison functionality. Future enhancements include improvements in user security and data tracking to allow integration with state financial systems (MAIN) and workflow and approval processes (ITRAC).

## Expanded access to mobile users

- Several of Michigan's services are currently accessible to citizens with mobile devices. This effort will expand access to these services from any mobile device providing services from anywhere.

## Expanded use of social networking Web sites to reach citizens

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- Currently, several State Agencies are using social networking web sites as one option to reach citizens and to further promote government information and services. As demand increases from citizens for these types of communication channels, State Agencies will continue to grow the use of these to better serve citizens.

## Field manager rewrite

- This effort includes automating the approval process for certain Field Manager reports to improve untimely completion of documentation and improve timeframes for contractor payment. In addition significant user suggested enhancements will be included.

## 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.

## Great Lakes Information and Technology Center (GL-ITC) project

The State is pursuing a public-private partnership to replace two of its existing hosting centers with a purpose-built center that will:

- ✓ Improve efficiency
- ✓ Maximize energy utilization
- ✓ Deliver economic development and support job creation in Michigan
- ✓ Promote better government and increased collaboration.

## Helping Hand Portal - Enhancements

- Michigan developed a information and online one-stop for assistive services called the Michigan Helping Hand portal. The portal aggregates assistive services and eligibility information in one place. Eligibility wizards help citizens determine potential eligibility for dozens of state programs and offers online application for many of these services. The intent is to help first-time applicants quickly determine resources available and then help them apply online

## 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.

## Hunting Retail Sales Upgrade

- The DNRE Retail Sales Systems (RSS) is being upgraded to a real time system that both improves the customer experience but also allows the State to enhance its operations in relation to customers and offerings through agents and the internet. RSS is used to sell applications, licenses and permits for hunting, fishing and recreational vehicle use

## Insurance & Banking System Re-write

- This effort will provide enhanced services for those responsible for insurance regulation.

## Intelligent Transportation Systems

- Data repositories, analysis tools, and decision support and communication systems will be developed to accommodate the use of Intelligent Transportation System data and interfaces. The interaction between driver and vehicle, the communications from vehicle to vehicle, and vehicle to infrastructure, as well as vehicle to commercial businesses is expected to expand greatly over the next few years potentially resulting in a substantial number of new communications services requiring a substantial data warehousing and

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analysis and decision support system structure.

## **Job Specifications System and Information Application**

- This system will house and maintain Job Specifications for the Civil Service Commission, Office of Classifications, Selections, and Compensation.

## **Legacy Application Modernization Program (LAMP)**

- The goal is optimization of MDOT's investment and operational infrastructure to enable business and ICT agility. 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.

## **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.

## **Liquor Purchasing And Inventory System Modernization**

- This enhancement will provide enhanced purchasing, inventory and sales providing a more effective solution for the Agencies and businesses.

## **MAIN Modernization**

- This is a multi year project that includes a number of efforts to improve a 15+ year old application, using new technologies and move off of "green screen".

## **Michigan Air Emissions Reporting System (MAERS)**

- MAERS is an electronic tool used by both the regulated community to report emissions and by the DNRE Air Quality Division (AQD) to generate an inventory of air pollutants and report data to the EPA.

## **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.

## **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.

## **Michigan Business One Stop**

- The Michigan Business One Stop demonstrates how our process redesign and collaboration with the broad business community helps to transform the State government and make it possible for old and new businesses to succeed and create jobs for the people of Michigan.

Launched in March 2009, this online service guides users who want to start, operate or change a business. Business owners can apply for or renew selected permits and licenses, file reports and pay taxes and fees using a consolidated online payment capability. They can input their business data into a single profile, and use a single statewide ID. Going forward this effort includes many enhancements, including refining current process

making them simpler for businesses.

## **Michigan College Access Portal (MiCAP)**

- This will be a web-based system to assist students in their search for information and services as they pursue their higher education and career goals in Michigan. The system will be designed to accommodate, support, and enhance programs and initiatives to improve student participation and success throughout their education.

## **Michigan Education Trust Upgrade**

- Upgrade of the legacy MET solution and implementation of new online self service for parents and the ability to implement new payment plans more efficiently.

## **Michigan Health Information Network (MiHIN)**

- This effort 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 Integrated Tax Administration System (MITAS)**

- This effort will provide a framework for integrating the administration and enforcement of business and individual taxes, from e-registration to the collection of accounts receivables.

## **MI- Drive Expansion**

- Enhancements to the current MI Drive website providing citizens with additional tools for a easier and safer trip.

## **MiInspector**

- This new Food Inspection System will replace the existing application and provide MDA inspectors with additional functionality.

## **Mobile Public Safety Alerting System**

- Public Safety alerts text messages to any mobile device.

## **Modernization of Drivers License System**

- This new system replaces an existing legacy system and allows for more customer self service functionality and ease of access. In addition providing the Michigan Department of State employees a tool to get their job done much easier and more efficiently.

## **Mobile Finger printing**

- Provides for fingerprint identification to the street officer via a mobile computer or mobile device.

## **MPSCS Expansion**

- Upgrades will include Wireless Broadband Data capabilities, Automatic Person/Vehicle Locator, integration of Computer Aided Dispatch (CAD) with existing mobile data clients and integration with Records Management Systems (RMS) offering many options for the first responder community. This will significantly increase the options for agencies by leveraging the existing shared services model of the MPSCS. It will also allow additional data features, including automated access to centralized databases.

## **National Law Enforcement Transaction System (NLETS) State, Regional and Federal Enterprise Retrieval System (SRFRS)**

- This system will connect law enforcement officers across the nation with immediate

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access to out of state booking photos.

## One Source Credentialing - Expansion

- Addition of a web based portal to allow health professionals to enter applications instead of forms that are submitted for entering into the Credentialing system.

## Parolee Self-Service Check-in via Kiosks & Phone

- This effort reduces the amount of time parole staff spends with low risk offenders to enable them to spend more time managing higher risk cases. Also included is the means for using biometric finger/thumb identification.

## Prisoner Time Computation

- A re-write of the prisoner time computation program migrating this off of an older platform.

## Sharepoint - Intranet

- This effort is the conversion of State Agency intranet sites to a more robust SharePoint platform.

## Shared Solutions:

- ✓ Business Objects Service Center
- ✓ Address Standardization
- ✓ Data Sharing – In/Out of State Government
- ✓ ETL Tools (Extract, Transform & Load)
- ✓ Shared Local Mapping Initiative

## SQL2005 Migration - DNR

- Migrate all SQL2000 Databases Objects Packages Users to SQL2005

## State Aid Management System

- This effort is the upgrade of the system that supports the administration of the State School Aid Act and distributing funds to public school districts

## Statewide Case Management for Administrative Hearings

- Provide a single, standardized system to manage administrative hearings in several departments.

## Statewide Education Longitudinal Data System

- This will create an education data portal providing standardized reporting of student information with links to K-12 and post-secondary systems creating a collaborative tool for educators across the State.

## Student Data System expansion

- The unique student identifier (UIC) established in the K-12 system will follow students into post secondary education. This will assist in tracking education and employment outcomes.

## Tax Registration Modernization

- The business tax registration process is the foundational component for all business taxes and is a prerequisite for all tax functions. The project scope includes developing the framework model for Taxpayer Account profile management and tax registration.

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## **Tridium (Energy Management System)**

- The Building Operations and Energy Monitoring Network, powered by Tridium software frameworks and infrastructure technologies, is used by Building Operations staff to remotely monitor and control building energy and operational systems. By integrating all devices into one system, Building Operations is able to collect additional data and simultaneously save the state money through the cancellation of annual sole-source maintenance agreements and service bids

## **Unemployment Insurance Modernization**

- Currently underway is a multi-year System Integration Project to complete a comprehensive and complex rewrite of Michigan's current Unemployment Insurance (UI) systems. A modernized, integrated system will provide real-time data sharing across functions, increase productivity, enhance customer service and ease of use, and provide flexibility in complying with changing federal mandates and other requirements.

## **USA Herds System Development**

- This application will be used for Tracking animals for the TB Eradication and Bovine Program

## **User Centered Design Shared Services Team**

- As state services continue to move to the Internet, successful implementations of government Web services rely upon designs that promote ease of use, accessibility and a positive user experience. By establishing a User Experience Shared Services Team, MDIT can provide design services, testing and educational opportunities to projects and development teams statewide in order to promote the design and development of highly usable Web sites and applications. The team will focus on user requirements gathered through industry standard methods to develop visual and navigational designs then prototype and test them for usability.

## **Virtual University Expansion**

- Portal that allows employees to maintain individual training plans and is integrated with online training courses and training registration applications (LCC).