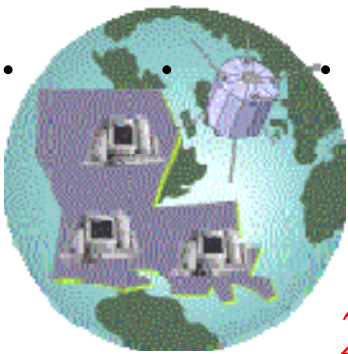


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Louisiana Technology Innovations Fund



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2009 Annual Report

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Louisiana Technology Innovations Fund

Annual Report to the Legislature

Executive Summary

As of April, 2009 seventy-three projects have been received by the Technology Innovations Fund Council for consideration. To date, thirty were selected for funding. They are as follows:

Log #	Project	Agency	Funding Approved	Amount Paid	Status as of 04/01/08
98-003	Point of Sale Hunting and Fishing	Wildlife and Fisheries	\$864,671	\$775,684	Complete
98-005	On-line Insurance Reporting	Public Safety	\$98,888	\$98,888	Complete
98-007	Distance Learning	Military	\$607,000	\$607,000	Complete
98-007c	Skycell Satellite	Military	\$544,000	\$544,000	Complete
98-009	Patient Biometrics	LSU Medical Center, NO	\$862,500	\$3,588	Terminated
98-010	High Performance Computing System	LSU, BR	\$989,383	\$962,297	Complete
98-016	Campus Walls	LSU, Eunice	\$176,422	\$176,422	Complete
98-017	Multi-media Internet	Wildlife and Fisheries	\$67,410	\$54,461	Complete
99-001	Internet-based Video Conferencing	LSU Medical, Shreveport	\$765,000	\$765,000	Complete
99-004	Louisiana Treasures	LSU, BR and UNO	\$198,078	\$184,974	Complete

Log #	Project	Agency	Funding Approved	Amount Paid	Status as of 04/01/08
99-005	Lab for Info Technology and Spatial Analysis	UNO	\$449,700	\$448,178	Complete
99-006	OCDD Telemedicine	Health and Hospitals	\$956,982	\$895,160	Complete
99-012	LA E-mail	Division of Administration	\$925,000	\$923,591	Complete
99-014	Web-based Data Warehouse	Education	\$1,000,000	\$991,000	Complete
99-015	X-Band Satellite Ground Station	LSU, BR	\$970,795	\$970,795	Complete
99-016	Training Today's Students for Tomorrow's Work Environment	LSU, BR	\$275,000	\$274,060	Complete
01-001	Mobile Data Terminals	Wildlife and Fisheries	\$1,000,000	\$1,000,000	Complete
01-002	Saving Lives and Enhancing Efficiency: Managing Medications and Medical Supplies	LSU, Shreveport	\$950,000	\$950,000	Complete
01-003	A Prototype Enterprise Application Hosting Service	LSU, BR	\$431,900	\$431,718	Complete
02-001	State Trooper Mobile Office	Public Safety	\$361,400	\$361,400	Complete
02-002	Fire Marshall Information Management System	State Fire Marshall	\$1,000,000	\$829,679	Complete
02-010	LouisianaMAP	E-Services	\$472,175	\$327,058	Complete
02-011	Louisiana e-Government Portal	E-Services	\$998,590	\$974,169	Complete

Log #	Project	Agency	Funding Approved	Amount Paid	Status as of 04/01/08
02-013	Statewide Learning Management System	CPTP	\$386,000	\$287,545	Complete
02-014	Prototype for Centralized E-Mail	OIT	\$949,200	\$922,966	Complete
03-003	Exploiting Linux Services in Louisiana	LSU	\$999,768	\$996,838	Complete
03-006	Development of Business Continuity and Disaster Recovery Plans	DEQ, DNR, DOTD	\$281,250	\$191,704	Complete
03-008	Internet-based Wireless Diagnostics and Predictive Modeling System	DOTD	\$291,350	\$256,350	Terminated
03-013	Towards an Integrated Juvenile Justice Information System (IJJIS)	Louisiana Children's Cabinet	up to \$335,000	\$306,962	Complete
06-001	Completing the Integrated Juvenile Justice Information System	Louisiana Children's Cabinet	\$124,950	\$112,455	In Process

Accomplishments

- The Council membership during this time period was:
 - Rizwan Ahmed, CIO and Ed Driesse, CIO
 - Dominic A. Cali, IT Director, Department of Transportation
 - Jerry Guillot, Chief of Staff, Senate Office
 - Bob Harper, Undersecretary, Department of Natural Resources
 - Butch Speer, Clerk of the House, House of Representatives
- During 2008:
 - No new funding was provided and no new projects were approved for funding.

- To date the total number of funded projects completed within or under budget is 27.
- The LTIF Web site, which is accessible on the Internet at <http://www.doa.louisiana.gov/ltif/index.htm> under *Info Louisiana* is updated regularly to reflect current progress status and progress reports for each project.

Budget Status

Fund Balance as of April 1, 2008			\$369,818
Increases in Revenue/Income			
	Interest Earnings	\$10,793	10,793
Expenditures /Obligations			
	Expenditures	106,582	
	Obligations	<u>(134,455)</u>	<u>(27,873)</u>
Fund Balance as of April 1, 2009			<u>\$352,738</u>

Project Summaries and Highlights

The LTIF was established to support innovative and exemplary projects that significantly contribute to the state's technology infrastructure and/or provide creative and concrete solutions for improving citizens' services.

A summary description and highlights for those projects that had activity during 2008 follows. For projects that were completed between 2006 and 2008, post-implementation updates are provided.

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Louisiana State University

Exploiting Linux Services in Louisiana

Log #: 03-003

Status: Completed in 2007

LSU was awarded this project to develop a robust, scalable environment to accelerate and facilitate the evaluation and deployment of Linux services and applications within public-supported entities in Louisiana. The move to open standards and open source is changing the world of information technology in the public and private sectors and in higher education. Linux, once considered “disruptive technology” by IBM, is the leading example of open source software that implements open standards. Linux is now widely available on multiple hardware platforms and is an option for many proprietary applications. Linux combined with virtualization technology offers a possible opportunity to combat the growing cost of supporting burgeoning, complex information technology infrastructures and the increasing dependence on a proprietary software platform. Recently, Linux was characterized in Computer World as a “Microsoft license killer.” Louisiana has been slow in embracing this emerging technology. The intent of this project is to maximize the opportunity to accelerate innovation with Linux, to limit dependence on proprietary systems and to focus on total cost of ownership issues.

Overall, our recommendation to state agencies is to implement virtualization technologies to maximize the use of existing and planned computing resources and provide the ability to quickly respond to additional resource requests as needed. Due to cost and improved technologies, we currently do not recommend the IBM mainframe and z/VM operating system for this purpose, but would suggest the use of VMware on Intel hardware with SAN storage for the underlying disk space.

This project is complete as far as LSU is concerned. No new activity occurred during 2008. The hardware has been decommissioned and services which were offered on this platform have been moved elsewhere. While the project provided valuable insight to using Linux in a virtualized environment, the decision to move away from the mainframe platform was made because of high maintenance cost and lack of platform software options.

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**Department of Natural Resources,
Department of Transportation and Development,
Department of Environmental Quality**

**Development of Business Continuity and Disaster
Recovery Plans**

Log #: 03-006

Status: Completed in 2006

During this project a Business Impact Analysis was completed by each agency. This project had each agency complete and document a disaster recovery plan. All agencies input their plans into the Division of Administration's Living Disaster Recovery Planning System software. Recommendations were made to agencies concerning viable recovery solutions. DNR and DEQ performed a disaster recovery exercise. A report was generated on all findings.

Executive Summary of Findings- The project is at 100% completion. Agencies continue to update their plans on the recommended time intervals. Each Business Unit has a coordinator who is in charge of keeping the plans updated. Each Agency has a Business Continuity Coordinator to keep the crisis management plans updated and the business units coordinators will update disaster recovery plans along with agency employees.

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Office of the Governor / Children's Cabinet

**Towards an Integrated Juvenile Justice Information
System**

Log #: 03-013

Status: Completed in 2008

The purpose of the project is to develop and implement the Juvenile Offender Information Network (JOIN), a component of an Integrated Juvenile Justice Information System (IJJIS) intended to develop an automated case management information system and to encourage maximum data sharing.

Training, deployment and tailoring were provided to the Caddo Juvenile Court, the Minden City Court, the CINC section of the Orleans Juvenile Court, and 14th JDC Family Court. The tailoring of the IJJIS for use in the 26th JDC and the 4th JDC has been completed, pending the development of interfaces to the systems of the clerks of court or the district attorneys in those districts. The development of such interfaces will be funded through non-TIF sources, when the clerks and district attorneys are ready. In addition, TIF funds have been used in part to support data conversion and interface development in the Caddo Juvenile Court, the Jefferson Juvenile Court, the East Baton Rouge Juvenile Court, and the 9th JDC.

Caddo Parish Juvenile Court – All IJJIS Implementation work items for Caddo are complete. At the end of the contract term, the final transition to IJJIS had been delayed while the court’s existing case data was converted to the IJJIS. At this time, the data conversion is complete and we are working with Caddo to retrain users to set a final go-live date.

Orleans Parish Juvenile Court – All IJJIS Implementation work items for OPJC are complete.

26th JDC – All IJJIS Implementation work items for the 26th JDC are complete. At the end of the contract term, the IJJIS had been implemented in Minden City Court and implementation at the other courts was deferred pending the development of data interfaces between the Clerk’s case management system and the IJJIS and between the DA’s CRIMES system and the IJJIS.

4th JDC – At the end of the contract term, the Pilot Site Implementation Plan was complete and additional functionality had been added to the IJJIS for the 4th JDC. User Training and Deployment were deferred pending the development of a data interface between the DA’s CRIMES system and the IJJIS.

East Baton Rouge Juvenile Court – The Data Conversion and Interface Requirements are complete.

Jefferson Parish Juvenile Court – The Data Conversion and Interface Requirements are complete.

9th JDC – The Data Conversion and Interface Requirements are complete.

21st JDC – The Preliminary Pilot Site Implementation Plan is complete.

Houma City Court – The Preliminary Pilot Site Implementation Plan is complete.

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Office of the Governor / Children’s Cabinet

Completing the Integrated Juvenile Justice Information System (IJJIS)

Log #: 06-001

Status: In Process

The purpose of the project is to complete development of the IJJIS case types including child support, domestic abuse, adult misdemeanors, mental health, terminally-ill children and minors’ divorces.

Project Progress Reports

The LTIF guidelines stipulate that each award recipient provide progress reports indicating the status of the project, accomplishments by milestone, and expenditure of funds. The latest progress reports for each of the funded projects can be found at www.doa.louisiana.gov/ltif/ltifprop.htm