



## **COMPUTER AND TECHNOLOGY APPLICATIONS**

### **Computer Upgrading**

Upgrading a computer operating system following a 25% staff cut was achieved by designing a Windows 2000 active directory plan that utilized existing staff for savings of nearly \$70,000. For more information, please contact Maureen Wines at the Department of Juvenile Justice (850) 595-8820 ext. 261 or email [maureen.wines@djj.state.fl.us](mailto:maureen.wines@djj.state.fl.us). (2004 #53, DJJ-011)

### **Computer Upgrading**

A server image upgrades servers to Windows 2000 (W2K) in less than one hour each versus up to four hours previously. It also eliminates the need to manually install and configure software packages, and assures that appropriate security software configurations are on all servers. For more information, please contact Olu Oyewole at the Department of Juvenile Justice (850) 921-7288 or email [olu.oyewole@djj.state.fl](mailto:olu.oyewole@djj.state.fl). (2004 #54, DJJ-007)

### **Technology Management Process**

A process that tracks changes made to information technology systems increased system availability at the Department of Education to 99.5% while reducing trouble-related work orders by 32 percent. For more information, please contact Jackie Shaffer at (850) 245-9831 or email [Jackie.Shaffer@fldoe.org](mailto:Jackie.Shaffer@fldoe.org). (2005 DOE-015)

### **Reduced Mainframe Emulation Software Costs**

Utilizing an alternative to emulation software called MochaSoft saved the Department of Corrections \$350,000. For more information, please contact Joseph Felice at (863) 773-2441. (2004 #52, DOC-007)

### **Fiber Optic Solution for Office Relocation**

A fiber optic solution for an office relocation that occurred without interrupting existing T-1 connectivity produced savings in excess of \$20,000 annually. The distance of relocation precluded using regular category 5e cable runs, dial-up was not an option due to the amount of large email files, and using DSL would have required gaining access to a virtual private network (vpn). For more information, please contact David Odum at the Florida Department of Health (850) 643-2415 ext. 228 or email [David\\_Odum@doh.state.fl.us](mailto:David_Odum@doh.state.fl.us). (2005 DOH-041)

### **Computer Applications for Managing Facilities Program Data**

A computer application for managing facilities produced more than \$100,000 worth of timesavings. For more information, please contact Mr. Ming Ko at the Department of Management Services (850) 414-6785 or email [kom@dms.state.fl.us](mailto:kom@dms.state.fl.us). (2005 DMS-003)

### **Reconfigured Mainframe Computer**

Reconfiguring a mainframe computer that runs Multiple Virtual Systems (MVS) and Customer Information Control Services (CICS) groups in order to handle a temporary peak load avoided spending \$400,000. For more information, please contact Jack Schudel at (352) 392-2061 ext. 178 or email [schudel@ufl.edu](mailto:schudel@ufl.edu). (2005 UF-002)

### **Increased Efficiency and Effectiveness of Network Infrastructure**

The following achievements at the Duval County Health Department may be useful to other agencies:

- ▶ An audit that resulted in disconnecting inactive, obsolete and inappropriate data lines to save nearly \$50,000
- ▶ Installation of timer devices to turn off ISDN connections or routers at night to avoid overage minute charges thereby reducing monthly charges at three sites from \$700 to \$98.

## **COMPUTER AND TECHNOLOGY APPLICATIONS (cont.)**

► A new data network structure that saved over \$100,000 the first year.

For more information, please contact Patrice Bennett at (904) 665-2319 or [Patrice\\_Bennett@doh.state.fl.us](mailto:Patrice_Bennett@doh.state.fl.us). (2005 DOH-036)

### **Information Security**

A layered approach to information security that consolidates internet-facing servers using one set of security policies and alternate secure forms of remote access services saved approximately \$100,000. For more information, please contact Scott Morgan at the Department of Agriculture and Consumer Services (850) 245-1040 or email [morgans@doacs.state.fl.us](mailto:morgans@doacs.state.fl.us). (2004 #55, DACS-005)

### **Information Technology Internship Program**

An internship program for students that contributed more than 3,000 hours of support to the Information Technology Department at zero cost to the University Press Department annually produces more than \$40,000 worth of increased productivity. Graduate students acquire experience to use in their future careers. For more information, please contact Bryan Lutz at the Warrington College of Business, University of Florida (352) 392-1351 ext. 215 or email [bryanl@ufl.edu](mailto:bryanl@ufl.edu). (2004 #61, UF-001)

### **Data Protection**

When an employee's hard drive fails, hours can be spent re-creating files and locating similar resources. Department of Revenue staff developed a data protection program that prevents files from being lost during hard drive failures. For more information, please contact Donna Scrodin at (386) 274-0105 or [scrodind@dor.state.fl.us](mailto:scrodind@dor.state.fl.us). (2005 DOR-003)

### **Web-based Smartcard Web Revaluing**

A self-service system that adds money to smartcards via the internet yields annual labor savings of approximately \$25,000. Splitting development costs with a vendor saved more than \$90,000. For more information, please contact Tammy Kidder at the University of Central Florida (407) 823-3218 or email [tkidder@mail.ucf.edu](mailto:tkidder@mail.ucf.edu). (2005 UCF-007)

### **Automated Unemployment Compensation Claims Application**

An application that allows internet-based unemployment compensation claims to be processed without manual intervention automatically verifies customer information and migrates it to a mainframe computer, saving nearly \$200,000 worth of staff time annually. For more information, please contact Ron McCraie at the Agency for Workforce Innovation (850) 245-7485 or email [ron.mccraie@awi.state.fl.us](mailto:ron.mccraie@awi.state.fl.us). (2004 #44, AWI-004)

### **Computer Literacy Training**

A "people first" system enables employees with no computer knowledge to independently use computers to update their state benefits information and access other employee information. This initiative will save an estimated \$60,000 annually by eliminating the need for four DOT staff to spend half of their work time assisting other employees. For more information, please contact Lois Danis at the Department of Transportation in Fort Lauderdale (954) 777-4420 or email [lois.danis@dot.state.fl.us](mailto:lois.danis@dot.state.fl.us). (2004 #15, DOT-005)