

Network Storage Servers and Software

FY2010 Request: \$800,000
Reference No: 47026

AP/AL: Appropriation

Project Type: Information Technology / Systems / Communication

Category: Public Protection

Location: Statewide

Contact: Dan Spencer, Director, Administrative Services

House District: Statewide (HD 1-40)

Contact Phone: (907)465-5488

Estimated Project Dates: 07/01/2009 - 06/30/2012

Brief Summary and Statement of Need:

This project funds storage systems around the state and is critical to the success of the efficiencies identified by AST. Without this solution, AST will not be able to fully participate in applications like the digital iCop in-car video system, records management system, statewide citation project TraCS, or transition off of the current paper-based case system. Efficiencies identified in increased productivity by keeping troopers on the road and doing reports in their cars will be unrealized. This request will also provide critical backup and disaster recovery services.

Funding:	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	Total
Gen Fund	\$800,000	\$300,000					\$1,100,000
Total:	\$800,000	\$300,000	\$0	\$0	\$0	\$0	\$1,100,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

Information Technology Capital Project Review Form FY2010

1. Has this project been previously approved? NO

2. What is the purpose of the project?

This project funds network storage systems at various Public Safety locations statewide to meet departmental needs for the next three to five years. These systems may be leveraged into a distributed enterprise storage architecture in the future. Potential locations for the systems include Anchorage, Fairbanks, Juneau, Kenai, Ketchikan, and Palmer.

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This funding will purchase large storage servers (NetApp or similar) with accompanying software and management tools. Storage services are targeted for all critical business applications, including the following systems:

- iCop Digital Video used by the Alaska State Troopers
- Crime Laboratory's JusticeTrax Laboratory Information Management System (LIMS)
- Alaska Public Safety Information Network (APSIN) criminal history repository
- SharePoint for documentation repositories and form based workflow driven applications
- Alaska State Trooper (AST) Records Management System

3. Is this a new systems development project? NO

Upgrade or enhancement to existing department capabilities? YES

4. Specifically, what hardware, software, consulting services, or other items will be purchased with this expenditure?

Project Initiation and Planning	\$ 4,000
Requirements Definition	\$ 4,000
Staff Resources Personal Services	\$ 8,000
Professional Services	\$ 50,000
System Design	\$ 8,000
Hardware and Software Costs	\$ 375,000
Testing of Hardware and Infrastructure	\$ 4,000
System Integration and Testing	\$ 25,000
Installation and Deployment	\$ 50,000
System Operation and Maintenance	\$ 250,000
Corrective and Adaptive Maintenance	\$ 4,000
Training for Staff	\$ 18,000
Total	\$ 800,000

5. How will service to the public measurably improve if this project is funded?

All targeted systems directly support criminal justice and law enforcement activities such as the collection, preparation, analysis, and reporting of evidence, cases, and dispositions. Numerous targeted systems are widely used by local law enforcement agencies, and this project will support high availability of data to the entire Alaska criminal justice and law enforcement community.

6. Does project affect the way in which other public agencies will conduct their business?

Without this project, other agencies must maintain duplicate repositories of data critical to the pursuit of their mission. This project supports a state goal of having data owners manage and control release and dissemination of data sets.

7. What are the potential out-year cost implications if this project is approved?

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This project will reduce the growth of bandwidth consumption, as data will be maintained closer to key users.

This funding request addresses ~75% of the identified storage need. DPS expects to prepare an additional capital request (~\$300K) for FY11 to meet network storage requirements.

8. What will happen if the project is not approved?

This project allows AST to find efficiencies through technology. Without this system, AST will not be able to fully deploy applications, share information, have a reliable backup or disaster recovery system, or gain personnel efficiencies.

The Division of Alaska State Troopers have already started to install video systems in all patrol cars, and is starting to capture video data, which is needed to support cases, improve officer safety, and reduce liability to the state. This is a critical driver for this project.