

Network Infrastructure

FY2007 Request: \$800,000

Reference No: AMD 41584

AP/AL: Appropriation
Category: Public Protection
Location: Statewide

Project Type: Information Systems

Contact: Dan Spencer, Director, Administrative Services

House District: Statewide (HD 1-40)

Contact Phone: (907)465-5488

Estimated Project Dates: 07/01/2006 - 06/30/2007

Brief Summary and Statement of Need:

Basic network resources which are not available to DPS or from ETS will be critical as APSIN and business Access applications migrate onto SQL server. Intelligent switches, Identity Management, IDS Deployment, Network Monitoring, Netware to Windows Server migration, and related support activities are key additions to DPS capabilities. The department's ability to plan for fast growth in network utilization and support the successful deployment of APSIN and other SQL-based applications depends on access to these basic tools. These applications are critical to support the department's mission of protecting public safety in Alaska.

Funding:	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	Total
Gen Fund	\$800,000						\$800,000
Total:	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input checked="" 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
<u>One-Time Startup:</u>	<u>0</u>	<u>0</u>
Totals:	0	0

Additional Information / Prior Funding History:

No prior funding.

Project Description/Justification:

This project will be an upgrade to existing department network resources. It will support our department's role in the State of Alaska Enterprise information technology projects, including network security and the Microsoft Enterprise Agreement. A variety of measures are needed to address network authentication, monitoring, and performance issues. Our ability to plan for fast growth in network utilization and support the successful deployment of APSIN and other SQL-based applications depends on access to these basic tools.

Basic network resources that are not available to the Department of Public Safety (DPS) or from the Department of Administration's Enterprise Technology Services (ETS) will be critical as APSIN and business Access applications migrate onto SQL server. Intelligent switches, Identity Management, IDS Deployment, Network Monitoring, Netware to Windows Server migration, and related support activities are key additions to DPS capabilities.

The project will include:

- DPS Statewide Netware to Windows Migration
- Identity Management

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- Intelligent switches
- IDS Deployment
- Network monitoring

Network performance and overly complex login / access issues are consistently noted as primary customer service issues by DPS support staff and management. This project will resolve some of those issues. These tools will allow DPS development and network operations staff to manage the quality of service received by DPS customers in an integrated manner. These tools can be fully leveraged by every application and service that DPS provides over our networks, both to internal and external customers.

Cost Information

These funds will be used for professional service contracts to oversee the project. The project cost also includes software and hardware required for the migration to a Windows network server.

No additional operating costs are anticipated since ongoing license costs are already part of the department's budget for the existing Netware environment. Future maintenance costs are expected to be the same or slightly less.

Impact of Not Receiving this Request

The risk to the successful migration of APSIN, and the successful migration of Access applications to SQL server (as well as public facing DPS services), is increased without the tools that would be implemented by this project.

If the project is not funded then DPS will continue to direct limited internal operational resources to meet these needs over a significantly extended schedule.