

**Alaska Public Safety Information Network Redesign Phase 3** FY2011 Request: \$1,000,000  
Reference No: 41544

### **AP/AL: Appropriation**

**Project Type:** Information Technology / Systems / Communication

## **Category:** Public Protection

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Estimated Project Dates:** 07/01/2010 - 06/30/2012

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## **Brief Summary and Statement of Need:**

The Alaska Public Safety Information Network (APSIN) contains criminal history information used by law enforcement agencies across Alaska. APSIN is a critical operational tool for all law enforcement activities in Alaska, and is a major tool used in meeting the department's mission of protecting the public. This has been an ongoing, phased project to move APSIN from the State of Alaska legacy mainframe to a Microsoft and Intel server platform, and at the same time enhance the Alaska Public Safety Information Network's capability. This project supports the end result to increase the number of users with access to secure criminal history information.

State Match Required    One-Time Project    Phased - new  
0% = Minimum State Match % Required    Amendment    Phased - underway    On-Going  
 Mental Health Bill

#### **Operating & Maintenance Costs:**

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

**Additional Information / Prior Funding History:**

Sec 131, Ch 139, SLA 1998, P 54, L 4, \$300.0, (FED)

Sec 100, Ch 2, SLA 1999, P 51, L 19, \$1,389.0 (\$1,250.0 FED, \$139.0 GF)

Sec 1, Ch 61, SLA 2001, P 23, L 18, \$2,725.5 (AHFC)

Sec 1, Ch 82, SLA 2003, P 33, L 4, \$8,000.0 (FED)

Sec 1, Ch 82, SLA 2006, P 81, L 10, \$3,000.0 (\$1,000.0 FED / \$2,000.0 GF)

Sec 1, Ch 28, SLA 2007, P 101, L 21, \$3,000.0 (\$1,000.0 FED / \$2,000.0 GF)

Sec 1, Ch 29, SLA 2008, P 74, L 4, \$7,000.00 (\$2,000.0 FED / \$5,000.0 GF)

## **Project Description/Justification:**

This is an ongoing, phased project to move APSIN from the State of Alaska legacy mainframe to a Microsoft and Intel server platform, and at the same time enhance APSIN's capability. This request is for funding to replace federal authorization that was not received.

The migration of APSIN from the mainframe to SQL is in progress. The transition required by this multi-year project calls for new capabilities, such as a complete data audit function within SQL Server.

The APSIN application migration builds on the Department of Public Safety's (DPS) significant investment in the technical design and previously completed development. The funds requested will be used to accomplish this migration.

APSIN is the critical operational tool for Alaska law enforcement activities. APSIN users need new and enhanced capabilities, such as online Strategic Results Format (SRF) reporting for the Alaska State Troopers, digital photo support, and an improved Sex Offender Registry. Modern technologies such as web services and Global Justice XML/NIEM data exchange standards compliance will only be available on the new APSIN platform.

### **Cost Information**

After this appropriation, another \$1 million will be needed to complete the APSIN project.

No additional operating costs are anticipated based on projects of similar size and scope in other jurisdictions and the following assumptions:

**Communications:** Use of the APSIN system should level off and grow at a slower pace over the next five years. The department and contractor recognize that bandwidth will always be a limiting factor and recommends strategies such as messaging optimization to minimize network traffic.

**Hardware/Software Maintenance:** Although server and workstation maintenance will be 15 percent of purchase price and software maintenance will be about 20 percent of the original licensing fees, no net change in operating costs are expected due to offsetting savings from moving off the mainframe.

**Transition Costs:** Throughout the remainder of this project, DPS will effectively run three APSIN platforms: the legacy production platform, the development platform, and the new production platform. Transition operating costs are high as APSIN security and audit requirements must be met on each platform. In addition, legacy data migration tools will be licensed for the duration of the transition. Transition costs are expected to fully disappear following project completion.

### **Impact of Not Receiving this Request**

If the project is not funded, DPS will continue to direct limited internal operational resources to meet the needs of the APSIN migration over an extended schedule, the length of which will depend on future funding amounts. At the same time, a critical knowledge base in our prime contractor (in which DPS has invested approximately \$19 million) will be lost to future phases of this project, severely affecting development efforts while amplifying risks to law enforcement services.

The current legacy system will consume excessive support and development costs if this funding is not provided in the needed timeframe. The need to operate both the legacy mainframe APSIN system and the new unfinished APSIN Redesign system on the Microsoft SQL Server platform will create extremely high operating costs, which will make resources unavailable for other law enforcement priorities.