

**APSIN Data Conversion****FY2007 Request: \$800,000****Reference No: AMD 41558****AP/AL:** Appropriation**Project Type:** Information Systems**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:** 07/01/2006 - 06/30/2007**Brief Summary and Statement of Need:**

This project will fund a contract with a private vendor to implement Version 2 of the Alaska Public Safety Information Network (APSIN) Production and APSIN Reporting data models on SQL, an enterprise relational database. These data conversion tasks will be prioritized to complement APSIN Redesign Migration activities, which is part of a separate funding request. APSIN is the key operational platform for statewide law enforcement, and is fundamental to the department's mission of protecting the public.

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

<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
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

This project does not include any data conversion activities that will occur within the scope of the APSIN Redesign, Migration Year 1 funding request. This project is targeted at a very focused set of activities, specifically the needs of the new APSIN production system during the transition.

**Project Description/Justification:**

This project will implement Version 2 of APSIN Production and APSIN Reporting data models on SQL, an enterprise relational database. It will implement tools to synchronize data, transfer data, and implement relevant business rules for both data models and APSIN\_Copy derived from the legacy mainframe.

Data conversion tasks will be prioritized to complement APSIN Application Migration activities. Tools to coordinate data between models are necessary for application integrity. Maintaining strong consistency with the legacy mainframe ADABAS repository is critical throughout the transition. Tools to automate the cleanup of converted data based on business rules will greatly reduce the need for manual input and positively impact the Division of Statewide Services staff productivity.

The primary mission of DPS is to ensure public safety. APSIN is a key operational platform for law enforcement statewide, and DPS has planned for and invested in the migration of this 20 year old application in order to ensure our

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ability to support this mission in the future. The law enforcement community continues to adopt new systems and standards based on TCP-IP, Windows, and XML standards which will only be fully supported on the new APSIN platform.

All users will benefit from operational excellence. Transactional and reporting systems will automate existing manual inter-agency processes and provide better real-time management reporting capabilities.

### Cost Information

These funds will be used to:

- procure and implement software to maintain synchronization between SQL server and mainframe APSIN platforms;
- procure consulting services to support analysis and implementation of relational objects and reporting systems that need to be migrated from the mainframe;
- procure software and professional services to support APSIN security requirements for full audit trail on all migrated data, including appropriate administrative tools;
- procure consulting services to implement business rules on migrated data as delineated within APSIN Redesign prioritized requirements document.

### Impact of Not Receiving this Request

Assuming APSIN Applications migrate from the mainframe, there is no real alternative to this project that is consistent with State of Alaska standards. If this project is not implemented, there will be a severe impact on the APSIN Redesign Migration project, as well as the Alaska State Troopers' Strategic Reports Forum (SRF). DPS would continue to direct limited internal resources to department records management needs.