State of Alaska
FY2007 Governor's Operating Budget

Department of Public Safety
Alaska Public Safety Information Network
Component Budget Summary

Component: Alaska Public Safety Information Network

Contribution to Department's Mission

Provide secure access to the Department of Public Safety's Alaska Criminal Justice Information Systems (AKCJIS).

Core Services

The major effort of the component's programming team is to migrate, maintain, and enhance APSIN. This application is currently running on older legacy systems and technology. An APSIN Redesign project is currently underway to move this application to newer technology with enhanced functionality to include images from correctional facilities and driver's license photos.

APSIN is a mission critical, on-line, real-time data processing system. APSIN's database contains more than 17 million records. Approximately 2,800-computer programs support over 100 separate on-line functions and a variety of batch processing. APSIN operates 24 hours a day for law enforcement, and is used by over 3,300 authorized individuals from over 160 federal, state, and municipal agencies on about 2500 terminals throughout the state. On an average day, over 1,100 local and state police officers on duty during various shifts use APSIN over 10,000 times in support of their law enforcement mission. All state and local law enforcement agencies, a number of federal agencies, and other criminal and non criminal justice agencies depend on services provided by APSIN.

APSIN automates essential law enforcement data and offers investigative support with search capabilities against person, property, and event databases. It allows for network communications, message, and links with the FBI's National Crime Information Center (NCIC), and with other states and Canada via the National Law Enforcement Telecommunications System (NLETS). APSIN also automates the public notification of sex offender registration through the Sex Offender Registration Central Registry application and related web site. APSIN also uses an automated interface to the statewide payroll system (AKPAY) to allow reporting on the department's commissioned officers' exception pay (overtime, shift differential, etc).

This component's personnel also support more than 70 smaller applications in the department, which are developed centrally or created by end users for deployment on desktops. These include a Building Records Inspection System (BRIS) used by Fire Prevention, ADORE field training database system used by the Alaska State Troopers, the department web presence, and a fingerprint card tracking system (CARDS) used by Records and Identification. Support is also provided for the Uniform Offense Citation Table maintenance software to provide more accurate statute- and ordinance-based criminal history records in APSIN. Personnel also support a desktop publishing system to create the *Crime Reported in Alaska* report, and publish this report on the department's web page.

The network support team ensures connectivity for department users to the Local Area Network (LAN), access to the State of Alaska's Wide Area Network (WAN), and provides support for desktop computers. In addition, this team ensures network access to APSIN for sponsored law enforcement agencies that are authorized for access. Services provided include installing and managing NetWare and Microsoft servers for file and print services for these users. There are over 200 locations around Alaska that utilize this component's technical and programming staff.

End Results	Strategies to Achieve Results
A: Increase the number of users who have accessibility to the Alaska Criminal Justice Information Systems (AKCJIS) repository. Target #1: Increase the number of agencies with access to AKCJIS by 1% per year. Measure #1: % change in number of agencies.	**A1: Redesign the Alaska Criminal Justice Information System (AKCJIS).** Target #1: Meet 100% of deliverables on APSIN Redesign Project by planned target date. Measure #1: % of deliverables met by planned target date.

Target #2: Increase the number of users with access to AKCJIS by 3% per year. Measure #2: % change in number of users.	
End Results	**Strategies to Achieve Results**
B: Ensure all Department of Public Safety employees have reliable access to AKCJIS. Target #1: Department of Public Safety Local Area Network (LAN) network servers are operational 100% of the time, allowing for planned maintenance outages. Measure #1: % of available time that LAN servers are operational.	**B1: Ensure Department of Public Safety information delivery mechanisms (personal computers, LAN) are accessible.** Target #1: Close 100% of help desk tickets within the assigned completion date. Measure #1: % of help desk tickets closed within the assigned target date.

Major Activities to Advance Strategies

- Set up the necessary security and infrastructure for Virtual Private Network (VPN) capability
- Move from Oracle to SQL server
- Work with Alaska Public Safety Information Network (APSIN) Redesign vendor on scheduling, planning, and completing Redesign tasks
- Train the technical support and end user employees on use of department's new Help Desk functionality

FY2007 Resources Allocated to Achieve Results

FY2007 Component Budget: $3,055,700	**Personnel:**	
	Full time	22
	Part time	0
	Total	22

Performance Measure Detail

A: Result - Increase the number of users who have accessibility to the Alaska Criminal Justice Information Systems (AKCJIS) repository.

Target #1: Increase the number of agencies with access to AKCJIS by 1% per year.
Measure #1: % change in number of agencies.

New Agencies Provided with Access to AKCJIS (fiscal year)

Fiscal Year	YTD Total
FY 2004	5
FY 2005	9
	+80.00%

Analysis of results and challenges: The number of new agencies provided with access to the state's criminal history information is shown by fiscal year. The beginning number of agencies was 295 as of the first quarter of FY2004.

Target #2: Increase the number of users with access to AKCJIS by 3% per year.
Measure #2: % change in number of users.

Number of New Users Provided with Access to AKCJIS (fiscal year)

Fiscal Year	YTD Total
FY 2004	68
FY 2005	62
	-8.82%

Analysis of results and challenges: The number of new individual users provided with access to the state's criminal history information is shown by fiscal year. The beginning number of users was 2,839 as of the first quarter of FY 2004.

A1: Strategy - Redesign the Alaska Criminal Justice Information System (AKCJIS).

Target #1: Meet 100% of deliverables on APSIN Redesign Project by planned target date.
Measure #1: % of deliverables met by planned target date.

% of Deliverables Closed by Planned Target Date (fiscal year)

Fiscal Year	YTD Total
FY 2004	97.5%
FY 2005	100%

Analysis of results and challenges: The percentage of draft and final deliverables completed (delivered on time) by fiscal year. The YTD figure is the average for the fiscal year. Final deliverables have been modified in Phase IIa contract modifications 1, 2, and 3. All deliverables have been met within the contract schedule and budget.

B: Result - Ensure all Department of Public Safety employees have reliable access to AKCJIS.

Target #1: Department of Public Safety Local Area Network (LAN) network servers are operational 100% of the time, allowing for planned maintenance outages.
Measure #1: % of available time that LAN servers are operational.

% of Available Time that LAN Servers are Operational

Fiscal Year	YTD Total
FY 2005	99.995%

Analysis of results and challenges: Available time (A) is defined as total clock time (T) minus planned maintenance time (M). Downtime (D) is unplanned server outages. Percent of available time is then defined as (D/A) x 100. This will be tracked on a quarterly basis beginning in FY2005 (July 2004).

B1: Strategy - Ensure Department of Public Safety information delivery mechanisms (personal computers, LAN) are accessible.

Target #1: Close 100% of help desk tickets within the assigned completion date.
Measure #1: % of help desk tickets closed within the assigned target date.

% of Tickets Closed within the Assigned Target Date (fiscal year)

Fiscal Year	YTD Total
FY 2004	85.7
FY 2005	92.3

	+7.70%

Analysis of results and challenges: The percentage of help desk tickets closed within the scheduled completion time. The YTD value is an average for the fiscal year.

Key Component Challenges

As the APSIN Redesign project progresses, it uses a significant portion of department personnel time to contribute to and review development plans and work products, and coordinate with vendors and contract staff. DPS developers invest a significant portion of their time on the project, working closely with vendor technical staff. Coordinating the development activities of many parties working on various aspects of a large and complex future system in order to deliver products to users on a regular basis is demanding when staff and funding resources are scarce. Also, as the new system rolls into production, additional operational resources will be required of this component to manage the redesigned APSIN system and support its users.

During 2007, it is anticipated there will be further deliveries toward the new APSIN production system. A challenge will be to support and synchronize old and new technologies during a protracted transition and to train the user base in the new system. Deploying and integrating support infrastructure, including security, directory and related systems, will be a significant undertaking requiring both external resources and training for DPS staff. These efforts must be coordinated to meet state and federal standards while also supporting other systems used by DPS for daily operations.

Another challenge involves obtaining adequate funding to complete the project. If the department does not obtain timely and sufficient federal or state funding to complete this project, the project would have to be put on hold and restarted, probably with a new external partner, at some future time.

Significant Changes in Results to be Delivered in FY2007

APSIN Redesign
It is anticipated the number of users who have secure access to Alaska's criminal justice information data, and the utilization of APSIN in general, will increase dramatically through the use of Internet technologies and Virtual Private Networking (VPN). Significant investments in APSIN development will move more of the APSIN workload and costs, especially related to reporting and maintenance, off the mainframe. This move to the State of Alaska standard SQL Server requires DPS to provide key operational support staff.

Livescan Replacement
The Livescan update is critical to providing an integrated fingerprint collection, distribution, and management service to the law enforcement community per statutory requirements, and is an important step towards the goal of associating fingerprints with photo identification.

Online Fire Prevention Plans Review
Automation of the plan review process and the deployment of a common system statewide will greatly improve the efficiency of plan reviewers and building inspectors. Less data entry time translates directly into more plan reviews.

APSIN Data Migration
High profile applications such as the Sex Offender Registry and key DPS management and operational reports require that APSIN data structures migrate from the mainframe and be transformed to relational structures in SQL Server. This will enable DPS applications to support the new and future needs of users while allowing for high utilization.

Access Migration to SQL
Critical line of business applications throughout DPS must be migrated from MS Access to SQL to meet SOA standards, secure data and audit requirements, improve user access, and centralize data management.

DPS Network Infrastructure
Service level considerations limit DPS' ability to further reduce Local Area Network (LAN) operational costs by leveraging enterprise services. Capacity and capability in APSIN data and network management must grow in direct relation to the utilization of and dependence on SQL Server, security, and directory infrastructure. An emerging high growth service area is the exchange of data using new technology with major law enforcement partners and their automated systems.

Major Component Accomplishments in 2005

APSIN Redesign
The detailed design phase of APSIN Redesign was completed. APSIN development efforts were re-targeted to delivering functional prototypes that DPS could put in front of APSIN users for further refinement. Key development resources were retained and focused on priority development tasks.

APSIN Deferred Maintenance
Late in FY2005, significant resources were redirected to redress critical deferred maintenance issues on the legacy APSIN system. These efforts addressed operational priorities of key users.

Security
Completed a security assessment planning process to further the progress of APSIN and DPS security to meet the FBI Criminal Justice Information Systems (CJIS) security policy requirements. This addressed encryption of data and multi-factor authentication systems. Existing staff have been attempting to meet security policy as mandated by the FBI.

Ad-hoc Queries
Programmers responded almost daily to *ad-hoc* queries for APSIN statistical or research information. These requests included gun counts for audit purposes, downloads of case data for Alaska State Troopers, downloads of data for domestic violence research, and DWI statistics.

Network Infrastructure Upgrade
A project to upgrade DPS' network operating systems (NetWare and MS Windows Server) to more current technology made significant progress. Future upgrades will be necessary to meet the State of Alaska's evolving enterprise technology standards.

Other Accomplishments
Installed and acted as first line of support for the ADORE field training officer software package for the Alaska State Troopers.

Hired an intern who addressed major development needs for the various Writs databases used by DPS staff throughout Alaska. DPS continues to utilize intern level resources, allowing senior developers to focus on priorities while interns support and move key systems forward cost effectively.

Initiated a Task Order to address numerous issues in the Alcoholic Beverage Control (ABC) Boards key application, the ABC license database. New requirements identified for this system included the ability to manage and report on receipts (revenue tracking) as dictated by financial audit staff.

Statutory and Regulatory Authority

AK STATUTE	AAC	SHORT TITLE
AS 04.11.295		Criminal Background Check - Alcohol License
AS 08.08.137		Criminal Background Check - Alaska Bar Association
AS 08.24.120	12 AAC 02.160	Criminal Background Check - Collection Agency
AS 09.25.510		Electronic Signatures
AS 12.61.		Victim & Witness Confidentiality
AS 12.62.		Criminal Justice Information Systems Security & Privacy Act
AS 12.63.	13 AAC 9	Sex Offender Registration
AS 12.64.	13 AAC 68	National Crime Prevention & Privacy Compact
AS 12.80.060	13 AAC 68.120	Fingerprinting in Criminal Cases
AS 14.20.020	4 AAC 12.001	Criminal Background Check - Teaching License
AS 17.37.010		Medical Marijuana Registry - Accessible to Peace Officers
AS 18.20.302		Criminal Background Check - Nursing Facilities
AS 18.65.	13 AAC 30	Concealed Handgun Permit
AS 18.65.050		Central Information on Crime Evidence

AS 18.65.087	13 AAC 9	Central Registry of Sex Offenders
AS 18.65.410	13 AAC 60	Criminal Background Check - Security Guard License
AS 18.65.540		Central Registry of Protective Orders
AS 18.65.600		Missing Persons Clearinghouse
AS 18.65.700	13 AAC 30	Criminal Background Check - Concealed Handgun Permit
AS 18.65.700	13 AAC 30	Criminal Background Check - Concealed Handgun Permit
AS 18.65.748		Concealed Handgun Permit
AS 21.27.040		Criminal Background Check - Insurance License
AS 22.20.130	13 AAC 67.030	Criminal Background Check - Process Server
AS 25.25.310		Access to Law Enforcement Records for CSED
AS 28.10.505		DMV Records - Personal Information
AS 28.15.		Driver's License
AS 28.15.046	13 AAC 08.015	Criminal Background Check - School Bus Driver
AS 28.17.041	13 AAC 25	Criminal Background Check - Driving Instructor
AS 33.36.110		Adult Supervision Compact
AS 40.25.120		Public Records; Exceptions
AS 43.23.005		PFD Ineligibility/Criminal History
AS 44.41.020		Criminal Justice Info Systems - Agreements with Local, Federal Agencies
AS 44.41.025		Automated Fingerprint System
AS 44.41.035		DNA Identification System
AS 44.41.035		DNA Identification System
AS 44.62.310-312		Public Meetings
AS 45.55.040	3 AAC 8	Criminal Background Check - Alaska Securities Act Registration
AS 47.12.030		Juvenile Waiver to Adult Status
AS 47.12.210		Juvenile Fingerprinting
AS 47.14.100		Criminal Background Check - Foster Care, Placement with Relative
AS 47.15.010		Juvenile Rendition Agreement
AS 47.17.033		Access to Criminal Records to Investigate Child Abuse/Neglect
AS 47.17.035		Access to Criminal Records to Investigate Child Abuse/Neglect/Domestic Violence
AS 47.33.100	7 AAC 75.220	Criminal Background Check - Assisted Living Homes
AS 47.35.		Child Service Providers
AS 47.35.017	7 AAC 50.210	Criminal Background Check - Child Care Facilities
AS 47.35.023		Criminal Background Check - Foster Care License, Provisional

United States Code		Federal Regulations		Description
5 USC	9101	5 CFR	911	Security Clearance Information Act (SCIA)
7 USC	21(b)(4)(E)	28 CFR	50.12	Exchange of FBI Records -Registered Futures Associations
10 USC	520a			Military Services Enlistment - Criminal Background Checks
15 USC	78q(f)(2)			Partners, Directors, Officers and Employees of National Securities Exchange Members, Brokers, Dealers, Registered Transfer Agents, and Registered Clearing Agencies
15 USC	78q	28 CFR	50.12	Exchange of FBI Records - Securities Industry
18 USC	2265			Safe Streets for Women Act of 1994
18 USC	922			Gun Control Act of 1968, Brady Handgun Violence Prevention Act and National Instant Background Check System (NICS)
25 USC	4138			Native American Housing Assistance and Self-Determination Act
28 USC	534	28 CFR	20	Acquisition, Preservation, and Exchange of Identification Records and Information
42 USC	561			Welfare Reform
42 USC	1437(d)			Multi-Family Housing Act - Availability of Criminal Records for Screening and Eviction
42 USC	2169	28 CFR	50.12	Exchange of FBI Records - Nuclear Power Plants

42 USC	3753(a)(11)	Bureau of Justice Assistance Grant Programs, Drug Control and System Improvement Program
42 USC	5101	Volunteers for Children Act
42 USC	5119	National Child Protection Act (NCPA)
42 USC	13041	Childcare Worker Employee Background Checks
42 USC	14071	Violent Crime Control and Law Enforcement Act of 1994 - Jacob Wetterling Crimes Against Children and Sexually Violent Offender Registration Act
42 USC	14071(d)	Violent Crime Control and Law Enforcement Act of 1994 (Amendment: Megan's Law)
42 USC	14072	Sex Offender Registration - FBI Database
42 USC	14611-16	National Crime Prevention and Privacy Compact Act of 1998
49 USC	44936	Airport Security Improvement Act

Contact Information

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Alaska Public Safety Information Network
Component Financial Summary

All dollars shown in thousands

	FY2005 Actuals	FY2006 Management Plan	FY2007 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	1,793.8	1,994.0	2,123.1
72000 Travel	26.1	22.3	22.3
73000 Services	332.4	572.2	772.2
74000 Commodities	73.6	51.9	51.9
75000 Capital Outlay	63.7	86.2	86.2
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	**2,289.6**	**2,726.6**	**3,055.7**
Funding Sources:			
1002 Federal Receipts	21.8	131.7	131.7
1004 General Fund Receipts	1,184.9	1,342.8	1,670.2
1007 Inter-Agency Receipts	944.4	1,122.2	1,122.2
1061 Capital Improvement Project Receipts	56.9	59.9	61.6
1108 Statutory Designated Program Receipts	81.6	70.0	70.0
Funding Totals	**2,289.6**	**2,726.6**	**3,055.7**

Estimated Revenue Collections

Description	Master Revenue Account	FY2005 Actuals	FY2006 Management Plan	FY2007 Governor
Unrestricted Revenues				
None.		0.0	0.0	0.0
Unrestricted Total		**0.0**	**0.0**	**0.0**
Restricted Revenues				
Federal Receipts	51010	21.8	131.7	131.7
Interagency Receipts	51015	944.4	1,122.2	1,122.2
Statutory Designated Program Receipts	51063	81.6	70.0	70.0
Capital Improvement Project Receipts	51200	56.9	59.9	61.6
Restricted Total		**1,104.7**	**1,383.8**	**1,385.5**
Total Estimated Revenues		**1,104.7**	**1,383.8**	**1,385.5**

Summary of Component Budget Changes
From FY2006 Management Plan to FY2007 Governor

All dollars shown in thousands

	General Funds	Federal Funds	Other Funds	Total Funds
FY2006 Management Plan	**1,342.8**	**131.7**	**1,252.1**	**2,726.6**
Adjustments which will continue current level of service:				
-FY 07 Wage Increases for Bargaining Units and Non-Covered Employees	36.5	0.0	0.9	37.4
-FY 07 Health Insurance Cost Increases for Bargaining Units and Non-Covered Employees	3.8	0.0	0.2	4.0
-FY 07 Retirement Systems Cost Increase	68.0	0.0	0.0	68.0
Proposed budget increases:				
-APSIN Infrastructure- Managed Hosted Servers	200.0	0.0	0.0	200.0
-Risk Management Self-Insurance Funding Increase	19.1	0.0	0.6	19.7
FY2007 Governor	**1,670.2**	**131.7**	**1,253.8**	**3,055.7**

Alaska Public Safety Information Network
Personal Services Information

Authorized Positions			Personal Services Costs	
	FY2006 Management Plan	**FY2007 Governor**	Annual Salaries	1,414,946
Full-time	22	22	COLA	39,174
Part-time	0	0	Premium Pay	3,419
Nonpermanent	1	1	Annual Benefits	773,275
			Less 4.83% Vacancy Factor	(107,714)
			Lump Sum Premium Pay	0
Totals	**23**	**23**	**Total Personal Services**	**2,123,100**

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Administrative Clerk II	1	0	0	0	1
Analyst/Programmer III	1	0	0	0	1
Analyst/Programmer IV	8	0	0	0	8
Analyst/Programmer V	4	0	0	0	4
Data Communicatns Spec II	1	0	0	0	1
Data Processing Mgr III	1	0	0	0	1
Micro/Network Spec I	2	0	0	0	2
Micro/Network Spec II	0	0	1	0	1
Micro/Network Tech I	2	0	0	0	2
Micro/Network Tech II	1	0	0	0	1
Project Asst	1	0	0	0	1
Totals	**22**	**0**	**1**	**0**	**23**