

State of Alaska FY2009 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 (DPS) Alaska Criminal Justice Information Systems (AKCJIS).

Core Services

The major effort of the component's programming team is to migrate, maintain, and enhance the Alaska Public Safety Information Network (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 facility 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. Used by over 3,000 authorized individuals from over 160 federal, state, and municipal agencies on about 2,500 terminals throughout the state, APSIN operates 24 hours a day. 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, as well as the National Sex Offender Public Registration web site (nsopr.gov). 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, either 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. The component also supports the Uniform Offense Citation Table maintenance software to provide more accurate statute- and ordinance-based criminal history records in APSIN. Personnel also support the DPS Amber Alert system.

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 authorized for access. Services provided include installing and managing NetWare and Microsoft servers for Active Directory and eDirectory, applications, reporting, internet and intranet, file, and print services for these users. Over 200 locations around Alaska use this component's technical and programming staff.

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

<p>Target #2: Increase the number of users with access to AKCJIS by 3% per year. Measure #2: % change in number of users.</p>	
End Result	Strategies to Achieve End Result
<p>B: Ensure all Department of Public Safety employees have reliable access to AKCJIS.</p> <p>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.</p>	<p>B1: Ensure Department of Public Safety information delivery mechanisms (personal computers, LAN) are accessible.</p> <p>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.</p>

Major Activities to Advance Strategies
<ul style="list-style-type: none"> • 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

FY2009 Resources Allocated to Achieve Results							
FY2009 Component Budget: \$3,185,900	<p>Personnel:</p> <table> <tr> <td>Full time</td> <td style="text-align: right;">23</td> </tr> <tr> <td>Part time</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Total</td> <td style="text-align: right; border-top: 1px solid black;">23</td> </tr> </table>	Full time	23	Part time	0	Total	23
Full time	23						
Part time	0						
Total	23						

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	Total Agencies
FY 2003	303
FY 2004	306 +0.99%
FY 2006	314 +2.61%
FY 2006	310 -1.27%
FY 2007	309 -0.32%

Source: APSIN

Analysis of results and challenges: Emphasis on signing up new user agencies was not as active in FY2007

as it might have been due to the APSIN Redesign project. Agencies that received access before completion of the new system will have to acquire new technology themselves and be migrated to the new system.

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	Percent Inc/Dec
FY 2004	147	4.9%
FY 2005	69	2.2%
FY 2006	148	4.6%
FY 2007	-137	-4.1%

Source: APSIN

Analysis of results and challenges: In FY2007, 564 users were added and 701 deleted, for a net loss of 137 users. It appears the primary factors in the drop in APSIN users in FY2007 are a loss of users from Alaska's military bases and the cleanup of unneeded accounts as the section moves toward deployment of APSIN Redesign. The workload on the Network Support staff has reduced the staff's ability to respond to requests to provide APSIN access to law enforcement agencies (and thus, APSIN users.)

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

Target #1: Meet 100% of deliverables on the Alaska Public Safety Information Network (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
FY 2004	97.5%
FY 2005	100%
FY 2006	100%
FY 2007	100%

Source: APSIN

Analysis of results and challenges: All deliverables for FY2007 have been met within the APSIN Redesign contract schedule and budget for FY2007. For details of the APSIN Redesign Project, visit <http://www.dps.state.ak.us/apsin/>.

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
FY 2005	99.995%
FY 2006	99.978%
FY 2007	98.574%

Source: APSIN

Analysis of results and challenges: The small decrease in system availability does not account for expected service outages required to support an expedited upgrade plan for legacy Compaq servers. One server in the

Crime Lab accounted for the vast bulk of all measured unscheduled service outages. The number of physical servers managed by DPS greatly increased throughout FY2007.

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 $(D/A) \times 100$.

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	Quarter 1	Quarter 2	Quarter 3	Quarter 4	YTD
FY 2004			83.3	90.2	85.7%
FY 2005	92.1	92.8	93.6	90.5	92.3%
FY 2006	90.0	93.0	86.8	79.4	87.3%
FY 2007	76.6	75.6	84.4	83.5	80.1%

Source: APSIN

Analysis of results and challenges: The Network Support staff experienced (and continues to experience) a significant number of open positions and long-term medical leave issues. These staffing issues continue to have a negative impact on our ability to meet the daily operational expectations of DPS, including the divisions of Alaska State Trooper and Alaska Wildlife Troopers.

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 contractor 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. In addition, 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 2009, 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 will 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 FY2009

APSIN Redesign

The number of users who have secure access to Alaska's criminal justice information data, and the use of APSIN in general, will increase dramatically with 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 MS SQL Server database requires DPS to provide key operational support staff.

Major Component Accomplishments in 2007

- APSIN Redesign – successfully developed and delivered the production Civil subsystem.

- Negotiated APSIN Redesign Phase III contract with prime contractor.
- Implemented new production reporting databases for APSIN Redesign in MS SQL Server 2005.
- Implemented over 100 online reports for trooper commanders and commissioner.
- Completed the rewrite of the critical Sex Offender Registry (SOR); implemented a key online interface to the National Sex Offender Public Registry (nsopr.gov).
- Completed migration of legacy NT domain applications and services to DPS Active Directory.
- Implemented LANDesk Network Management throughout the DPS LAN.
- Deployed 100+ new desktop personal computers with latest Enterprise Technology Services (ETS) standard Microsoft (MS) desktops.
- Participated in all MS Enterprise Agreement planning and review activities.
- Updated the Alcoholic Beverage Control Board licensing database.
- Completed hundreds of hours of service request (deferred maintenance) on the legacy APSIN application.
- Procured a departmental storage utility to centralize backup and data management.
- Migrated MS SQL Server and Visual Studio platforms from version 2000 to 2005.
- Supported state security office in resolving network security incidents.
- Performed regular maintenance on headquarters' power facilities (UPS and generator).
- Completed documentation of the APSIN TCP-IP local agency interface for sponsored agency CAD systems.
- Completed significant staff training in core technologies, including MS SQL, SQL Reporting Services, MS Active Directory, Exchange, CSA, GJXML, SANS, etc.

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 18.65.748		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 44.62.310-312		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

	FY2007 Actuals	FY2008 Management Plan	FY2009 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	2,090.6	2,117.6	2,346.2
72000 Travel	36.8	22.3	24.3
73000 Services	372.6	679.6	675.3
74000 Commodities	74.1	51.9	53.9
75000 Capital Outlay	70.7	86.2	86.2
77000 Grants, Benefits	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	2,644.8	2,957.6	3,185.9
Funding Sources:			
1002 Federal Receipts	19.7	131.7	131.7
1004 General Fund Receipts	1,543.0	1,572.1	1,800.4
1007 Inter-Agency Receipts	1,018.8	1,122.2	1,122.2
1061 Capital Improvement Project Receipts	0.0	61.6	61.6
1108 Statutory Designated Program Receipts	63.3	70.0	70.0
Funding Totals	2,644.8	2,957.6	3,185.9

Estimated Revenue Collections

Description	Master Revenue Account	FY2007 Actuals	FY2008 Management Plan	FY2009 Governor
Unrestricted Revenues				
None.		0.0	0.0	0.0
Unrestricted Total		0.0	0.0	0.0
Restricted Revenues				
Federal Receipts	51010	19.7	131.7	131.7
Interagency Receipts	51015	1,018.8	1,122.2	1,122.2
Statutory Designated Program Receipts	51063	63.3	70.0	70.0
Capital Improvement Project Receipts	51200	0.0	61.6	61.6
Restricted Total		1,101.8	1,385.5	1,385.5
Total Estimated Revenues		1,101.8	1,385.5	1,385.5

**Summary of Component Budget Changes
From FY2008 Management Plan to FY2009 Governor**

All dollars shown in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2008 Management Plan	1,572.1	131.7	1,253.8	2,957.6
Adjustments which will continue current level of service:				
-ETS Chargeback Redistribution	2.1	0.0	0.0	2.1
-Correct Unrealizable Fund Sources for Salary Adjustments: GGU	56.0	0.0	-56.0	0.0
-FY 09 Health Insurance Increases for Exempt Employees	0.1	0.0	0.0	0.1
-FY 09 Bargaining Unit Contract Terms: General Government Unit	65.5	0.0	56.0	121.5
Proposed budget increases:				
-New Database Specialist for SQL Server Database Support	104.6	0.0	0.0	104.6
FY2009 Governor	1,800.4	131.7	1,253.8	3,185.9

**Alaska Public Safety Information Network
Personal Services Information**

Authorized Positions		Personal Services Costs		
	<u>FY2008</u>	<u>FY2009</u>		
	<u>Management</u>	<u>Governor</u>		
	<u>Plan</u>			
Full-time	22	23	Annual Salaries	1,520,787
Part-time	0	0	COLA	124,144
Nonpermanent	1	1	Premium Pay	0
			Annual Benefits	821,604
			<i>Less 4.88% Vacancy Factor</i>	<i>(120,335)</i>
			Lump Sum Premium Pay	0
Totals	23	24	Total Personal Services	2,346,200

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Administrative Clerk 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
Database Specialist I	1	0	0	0	1
Internet Specialist II	1	0	0	0	1
Micro/Network Spec I	3	0	0	0	3
Micro/Network Spec II	1	0	0	0	1
Micro/Network Tech I	3	0	0	0	3
Totals	24	0	0	0	24