State of Alaska
FY2002 Governor's Operating Budget

Department of Public Safety
Alaska Public Safety Information Network
Component

Component: Alaska Public Safety Information Network

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Component Mission

To design, deploy, and maintain automated systems that effectively meet the needs of law enforcement, criminal justice and public access.

Component Services Provided

1) The Alaska Public Safety Information Network (APSIN) is a mission critical, on-line, real-time data processing system. APSIN's database contains more than 12 million records. Approximately 2,800 computer programs support over one hundred separate on-line functions and a variety of batch processing. APSIN operates 24 hours a day for law enforcement, and is used by about 2,500 authorized individuals from federal, state, and municipal agencies on about 850 terminals located throughout the state. APSIN automates:

a. essential law enforcement data (person information, warrants, vehicle checks, protective orders, criminal history, case information, citations, evidence, stolen/impounded found/recovered property, missing/runaway juvenile reports, and officer activity reporting) and access to DMV's driving records and vehicle registration information 24 hours a day;

b. investigative support through mechanized search capabilities against extensive person, property, and event databases;

c. network communications, administrative messages, communication links with the FBI's National Crime Information Center (NCIC) and other states and Canada via the National Law Enforcement Telecommunication System (NLETS);

d. public notification of sex offender registration information through the Sex Offender Registration Central Registry (SORCR) application and the related Web site;

e. data collection for Federal Uniform Crime Reporting (UCR) and the annual Crime Reported in Alaska publication; and

f. exception pay (overtime, shift differential, etc.) for commissioned officers (about 350 DPS employees), including an automated interface to the statewide payroll system (AKPAY).

On an average calendar day, over 1,100 local and state police officers on duty, during various shifts, use APSIN a total of 10,000 times in support of their law enforcement mission. All state and local law enforcement agencies, DPS employees, a number of federal agencies, and other criminal justice agencies depend on services provided by APSIN.

Smaller applications, such as Fire Prevention's Building Records Inspection System (BRIS), R&I's Criminal Applicant Record Database Systems (CARDS) the fingerprint card work flow and revenue tracking system, the Uniform Offense and Citation Table maintenance, and the Crime Reported in Alaska desktop publishing system, are developed centrally or created by end users, for deployment on personal computers. The same PCs serve as networked workstations and/or mainframe terminals. DPS PC software is standardized (word processing, spreadsheet, and database applications) but end-user support is limited due to lack of sufficient staff resources. Users are self-dependent for training, operational problem solving, and data recovery work.

2) A Control Terminal Officer administers Alaska's responsibilities as the Control Terminal Agency for the National Crime Information Center (NCIC) and the National Law Enforcement Telecommunication System (NLETS), including:

a.   determining agency access to criminal justice information according to state and federal laws and policies;

b.   documenting authorized access for each agency in a User Agreement;

c.   developing and administering audit programs for all users;

d.   providing direction and control through Control Terminal Agency directives.

3)   System and terminal security:

a.   The System Security Officer distributes information about system updates, administers certification testing for over 2,500 operators, establishes access authority for all users, and provides security oversight for 850 APSIN terminals, of which about 800 have access to NCIC and NLETS.

b.   Establishes security profiles for all APSIN users.

c.   Maintains system discipline through investigations into operator misuse of system information or policy.

4)   National Crime Information Center (NCIC):

NCIC provides centralized national information that includes the FBI's criminal history records, wanted/missing persons, protection orders, sexual offender registry, and stolen property (vehicles, guns, securities, and boats). The FBI is decentralizing its criminal history database; eventually each state will separately query other states via the FBI's Interstate Identification Index (III). III is a pointer system to each state with a criminal record for the person being checked. Alaska is a participant in this program.

5)   National Law Enforcement Telecommunication System (NLETS):

NLETS provides direct communication to law enforcement agencies in other states and Canada for the exchange of information about particular offenses or individuals that is more detailed than the FBI's records, and vehicle registration, driver license, driver history, and other information not available from the FBI.

6)   Uniform Crime Reporting (UCR):

Collect, compile, and publish standardized crime data from across the state, maintain UCR data, and respond to external requests for Alaska crime statistical information. Crimes reported by participating police agencies are forwarded to the FBI for consolidation with other states' data to project national crime trends and create the Crime in the United States publication. Detailed state data is published annually in Crime Reported in Alaska.

Component Goals and Strategies

 1) Maintain Alaska's Criminal History Record Database

 2) Maintain State Trooper Case Management Database

 3) Maintain law enforcement "hot files" (Wants/Warrants, Property, etc.)

 4) Maintain national interfaces (National Crime Information Center (NCIC), National Law Enforcement Telecommunication System (NLETS), Interstate Identification Index (III)

 5) Maintain the regional interface to the Western Identification Network (WIN)

 6) Maintain and enhance interfaces to local police agencies

 7) Complete state interfaces between Public Safety and the departments of Corrections and Law

8) Issue an RFP for the modernization of APSIN and commence designing system architecture and developing detailed design specifications and an implementation plan

9) Maintain network infrastructure to provide access by department employees and sponsored law enforcement agencies

10) Perform software and network upgrades to maintain parity with standards established by the Department of Administration, Information Technology Group

11) Provide Internet-based applications and access where appropriate (email, Sex Offender Registration, department Web pages)

12) Enhance Intranet-based applications for distributing the Image Archive and trooper case audit functions

13) Participate in state and national organizations to improve criminal justice information management (NLETS, NCIC, WIN, FBI Criminal Justice Information Services Advisory Policy Board, and SEARCH)

14) Propose, analyze, testify, and implement state and federal legislation affecting the department's information systems and interfaces

15) Complete the FBI's biennial audit of the Control Terminal Agency (CTA).

16) Audit 50% of the statewide criminal justice agencies with access to APSIN, NCIC, and NLETS

17) Provide project management for Alaska's Criminal Justice Record Improvement Plan

18) Provide staff support to the Criminal Justice Information Advisory Board

19) Provide audit and security oversight through administration of the NCIC/NLETS Control Terminal Agency policies, and state laws

20) Publish "Crime Reported in Alaska" and provide the FBI with statewide data for publishing the national Uniform Crime Report, "Crime in the United States."

Key Component Issues for FY2001 – 2002

1) CONTINUE TO MONITOR, ASSESS, RECOMMEND AND ADOPT STRATEGIES TO ADDRESS NATIONAL INITIATIVES

The FY2002 Governor's capital budget includes a request for $2,725.5 GF to continue the phased implementation of the APSIN redesign. If APSIN is not rewritten, it will be substantially more costly to comply with new legislative requirements, and police will not have access to the National Crime Information Center, e.g., information related to wanted/missing persons, stolen property, property used in the commission of a crime, national criminal records, vehicle and driver information, photographs, fingerprints, DNA, sex offender and other vital national information.

a. On July 11, 1999, the FBI implemented a new system, NCIC 2000. NCIC 2000 provides many features, including image transmission (both photographs and fingerprints), file linkages, file transfer, direct access from the patrol car, and additional information that is not available from its old system. The deadline imposed by the FBI for states to convert to the new system is July 2002. Major changes to telecommunication protocols, database definitions, data elements, and software are needed to permit full NCIC 2000 capabilities to be realized.

b. Upgrade NCIC and NLETS connectivity to TCP/IP from bisynchronous communications protocol.

c. Re-introduce legislation to ratify the National Crime Prevention and Privacy Act (commonly referred to as the III Compact). The compact provides for a uniform approach for the exchange of criminal history information for civil purposes. States that participate in the compact will agree to provide criminal history information to other states

using a common set of rules intended to simultaneously address both privacy issues and efficient operations. If adopted by Alaska, APSIN software will be modified to satisfy the requirements of the compact.

2) CONTINUE UPGRADES TO THE ALASKA AUTOMATED FINGERPRINT IDENTIFICATION SYSTEM (AFIS)

DPS is a member of the Western Identification Network (WIN). WIN is a service bureau that provides centralized fingerprint image database management for seven western states and automated interfaces to California's and Washington's fingerprint databases. WIN uses NEC-manufactured AFIS equipment. NEC is upgrading all of WIN's hardware and software to provide end-to-end processing between the states, WIN, and the FBI's Integrated Automated Fingerprint Identification System (IAFIS). The upgrade conversion process started in August 1998 and will continue through late spring 2001.

In addition to the central site upgrade, DPS is planning local enhancements to:

a. automate the process to notify booking locations of ID confirmations or errors;

b. develop an automated interface between AFIS and APSIN's central repository of criminal history records; and

c. develop an interface to the Criminal Applicant Record Database System (CARDS) application.

3) CONTINUE PARTICIPATION IN EFFORTS TO INTEGRATE STATE AND LOCAL CRIMINAL JUSTICE AGENCY INFORMATION SYSTEMS

a. Continue coordinating Criminal Justice Information Advisory Board efforts to realize the benefits of system integration;

b. Implement and maintain a criminal justice integration website to improve access to integration standards, audits and statistical reports, and state and national integration resources;

c. Complete an interface with the Department of Law that will automate updating APSIN with "decline to prosecute" information and support DPS' goal to improve its criminal history records with more timely and accurate data;

d. Create interface specifications for the development of automated transactions to enter domestic violence protective order information in APSIN from other criminal justice computer systems;

e. Procure project management consulting services to oversee the implementation of the APSIN migration plan;

f. Work with criminal justice agencies, the Department of Administration, and others to determine state network requirements necessary to support criminal justice applications and interface processing;

g. Complete interface between the Automated Fingerprint Identification System and the Criminal History and CARDS systems;

h. Complete conversion of APSIN connectivity to the state mainframe from the SNA protocol to TCP/IP; and

i. Provide the Division of Motor Vehicles (DMV) on-line, real-time stolen boat information to facilitate the boat registration process.

Major Component Accomplishments for FY2000

1) Y2K Assessment and Remediation

DPS continued to participate in the Y2K Assessment and Remediation project throughout the first six months of the fiscal year. Development of a Disaster Recovery Plan, compiling a Final Report for the Y2K Program Office, and continued application testing and modification were among the tasks associated with this project. DPS certified Y2K

readiness December 1, 1999.   APSIN and other DPS applications experienced no negative impact due to the millennium change.

2)   Migration Plan

The project to develop a migration plan and future vision document for the department's automated system needs was completed. These documents provide insight into the needs of the criminal justice community and describe alternatives that would allow DPS to better align technology with the needs of the department and other stakeholders. The information developed during the life cycle of this project was made available to the Criminal Justice Information Advisory Board, posted on a department Web site, and disseminated to other interested parties. The next step in the process is to develop an RFP to engage project management services to implement the migration plan.

3) Automated Interface Transactions

DPS completed the interface software needed to support the 51 core law enforcement functions identified and defined in previous years. This software provides seamless transaction processing between other municipal law enforcement agency systems and APSIN. Currently the Anchorage Police Department is the only agency submitting data to APSIN using the interface. DPS is working with both the Juneau and Fairbanks police departments to implement similar processing. DPS is also exploring the feasibility of providing some additional functionality to the Juneau Police Department.

DPS completed the software development effort to rewrite the existing CICS transaction supporting the population of fingerprint card person demographic data. This is a multi-platform transaction capable of extracting person demographic information from either DOC's or DPS' database. Full implementation is on hold pending completion of DOC's new system.

DPS and the Department of Law (DOL) are in the final testing phase to interface DOL's new system, CRIMES, with APSIN. Completion of this project will allow DOL to provide DPS with "decline to prosecute" data electronically. It is anticipated this will significantly reduce data entry and have a positive impact on the completion, timeliness, and accuracy of APSIN's criminal history record repository.

DPS completed the software necessary to automate notifying the Division of Family and Youth Services (DFYS), on a near real-time basis, when a foster parent is arrested, the respondent to a protective order, or a fugitive from justice. A two-way notification process was developed; 1) DFYS is notified when a foster parent or provisional licensee is involved in a reportable event and 2) criminal justice agencies are notified when the record subject is a foster parent or provisional licensee and asked to contact DFYS in appropriate situations.

4) Sex Offender Registry

The Sex Offender Registry was enhanced to incorporate changes made to the State statute. The modifications included providing for interim registration by local law enforcement agencies, reassessing the APSIN database to flag individuals required to register based on the new criterion offenses added to the statute, developing a mechanism to link vehicles to registered sex offenders, and indicating whether the record subject is required to register for fifteen years or life. Alaska became a participant in the national Sex Offender Registration File during this fiscal year.

DPS is in the process of upgrading the sex offender registry Web site. The modifications will provide improved search processing, a photograph preview function, and enhanced presentation features.

5) DNA Registrant Flagging

In an effort to increase the number of DNA samples collected from individuals required by state law to submit to DNA testing, DPS has initiated a project to flag these individuals' records in APSIN. This flag will be set based on criminal history record conviction information. Law enforcement will use this information to actively pursue the collection of DNA as well as an indicator to collect a DNA sample when the record subject has contact with law enforcement.

5)   Case Management Reporting

Several enhancements were made to the DPS Case Management Reporting application. The most critical improvement allowed for more accurate reporting of crimes involving domestic violence. Other changes provided key management information including Web-enabling the case audit function, providing a mechanism to track cases relative to a federal grant, and reporting open cases over 90 days old.

6)   APSIN/NCIC Agency Audits

The FBI requires the Control Terminal Agency (CTA) to conduct biennial audits of all agencies with access to NCIC. The second audit cycle of criminal justice agencies statewide with access to APSIN, NCIC, and NLETS was successfully completed during this fiscal year. Agency records were audited for accuracy, timeliness, and completeness, and policy and regulatory issues were addressed. User training on the functionality of these systems and the policies governing their use was provided in conjunction with the audit function.

Statutory and Regulatory Authority

1)   Access to Criminal History for National Security Purposes (5 USC 9101)
2)   Alaska Bar Association (AS 08.08)
3)   Alaska Securities Act (AS 45.55)
4)   Assist Law Enforcement (AS 18.65.090)
5)   Assisted Living Homes (AS 47.33)
6)   Central Repository of Criminal Justice Information (13 AAC 68)
7)   Certification of Teachers (AS 14.20)
8)   Child Care Facilities, Child Placement Agencies and Maternity Homes (AS 47.35)
9)   Collection Agencies (AS 08.24)
10) Concealed Handgun Permits (AS 18.65.700)
11) Criminal Justice Information System Agreements (AS 44.41.020(b))
12) Criminal Justice Information Systems Security and Privacy Act (AS 12.62)
13) DNA Identification Systems (AS 44.41.035)
14) Exchange of FBI Identification Record (28 CFR 50.12)
15) Federal Welfare Reform (42 USC 651)
16) Fingerprint of Minors (AS 47.12.210)
17) HUD Housing Opportunity Program (PL 104-120)
18) Licensing of School Bus Drivers (AS 28.17)
19) Mandatory Adult Fingerprint (AS 12.80.060)
20) National American Housing & Self Determination Act (PL 104-330)
21) National Child Protection Act (PL 193-209)
22) National Crime Control Act (PL 101-647)
23) National Sex Offender Registration (42USC14071)
24) Presumptive Sentencing for Prior Felony Convictions (AS 12.55.145)
25) Producers, Agents Administrators, Brokers, Adjusters and Managers (AS 28.15)
26) Public Safety to Provide Central Information (AS 18.65.050)
27) Registration of Sex Offenders (AS 12.63)
28) Regulation of Hospitals (AS 18.20)
29) Release of National Criminal History Record Information (28USC/CFR 20.30-38,PL 92-544)
30) Security Guard Licensing (AS 18.65.410)
31) Standardized Crime Statistics (AS 12.62.130)

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Component Financial Summary

All dollars in thousands

	FY2000 Actuals	FY2001 Authorized	FY2002 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	1,076.0	1,280.9	1,303.4
72000 Travel	20.7	22.3	22.3
73000 Contractual	444.2	516.2	586.2
74000 Supplies	76.4	42.6	42.6
75000 Equipment	166.0	91.2	91.2
76000 Land/Buildings	0.0	0.0	0.0
77000 Grants, Claims	0.0	0.0	0.0
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	**1,783.3**	**1,953.2**	**2,045.7**
Funding Sources:			
1002 Federal Receipts	19.9	133.1	131.7
1004 General Fund Receipts	903.2	932.6	935.2
1005 General Fund/Program Receipts	57.4	56.6	56.6
1007 Inter-Agency Receipts	802.8	826.9	922.2
1053 Investment Loss Trust Fund	0.0	4.0	0.0
Funding Totals	**1,783.3**	**1,953.2**	**2,045.7**

Estimated Revenue Collections

Description	Master Revenue Account	FY2000 Actuals	FY2001 Authorized	FY2001 Cash Estimate	FY2002 Governor	FY2003 Forecast
Unrestricted Revenues						
None.		0.0	0.0	0.0	0.0	0.0
Unrestricted Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Restricted Revenues						
Federal Receipts	51010	19.9	133.1	133.1	131.7	131.7
Interagency Receipts	51015	802.8	826.9	826.9	922.2	922.2
General Fund Program Receipts	51060	57.4	56.6	56.6	56.6	56.6
Investment Loss Trust Fund	51393	0.0	4.0	4.0	0.0	0.0
Restricted Total		**880.1**	**1,020.6**	**1,020.6**	**1,110.5**	**1,110.5**
Total Estimated Revenues		**880.1**	**1,020.6**	**1,020.6**	**1,110.5**	**1,110.5**

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Proposed Changes in Levels of Service for FY2002

APSIN will be receiving Interagency Receipts from Alaska Criminal Records & Identification (R&I) to provide essential services to R&I to automate updates of criminal history records. (See Key Component Issues.)

Summary of Component Budget Changes

From FY2001 Authorized to FY2002 Governor

All dollars in thousands

	General Funds	Federal Funds	Other Funds	Total Funds
FY2001 Authorized	993.2	133.1	826.9	1,953.2
Adjustments which will continue current level of service:				
-Year 2 Labor Costs - Net Change from FY2001	-1.4	-1.4	-4.7	-7.5
Proposed budget increases:				
-Automate Updates of Criminal History Records	0.0	0.0	100.0	100.0
FY2002 Governor	991.8	131.7	922.2	2,045.7

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Personal Services Information

Authorized Positions			Personal Services Costs	
	FY2001 **Authorized**	**FY2002** **Governor**	Annual Salaries	965,131
Full-time	17	17	COLA	15,617
Part-time	0	0	Premium Pay	11,351
Nonpermanent	0	0	Annual Benefits	344,611
			Less 2.49% Vacancy Factor	(33,310)
			Lump Sum Premium Pay	0
Totals	**17**	**17**	**Total Personal Services**	**1,303,400**

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Administrative Clerk II	1	0	0	0	1
Administrative Manager I	1	0	0	0	1
Analyst/Programmer IV	6	0	0	0	6
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	1	0	0	0	1
Micro/Network Spec II	0	0	1	0	1
Micro/Network Tech II	1	0	0	0	1
Totals	**16**	**0**	**1**	**0**	**17**