#### 3.11.1 NICS

# **APSIN NICS Interface Record-Inclusion Overview**



3.12.1 Apsin-ALVIN

Alaska Department of Public Safety ApsinC Interface with DMV ALVIN





4.2.1 Secure Messaging

Alaska Department of Public Safety Alaska Public Safety Information Network *ApsinC Phase 2 – Secure Messaging* 

#### Phase 2 Secure Messaging New rich, secure messaging opportunities The Secure Messaging component is added. Independently of the PAT switch, it can interact Secure messaging Local Law Enforcement with all traditional APSIN partners, for example: Other organizations queries of NCIC, III, NICS. New opportunities to Tribal Access Program extend the utility of the switch and enhance NLETS statewide law enforcement and justice Participating operations are provided by availability of the organizations FBI (NCIC, III, NICS) SMS to all users of the Secure Messaging (If DPS and TAP orgs component. State of Alaska should ever partner) agencies Tribal Access Program agencies can interact Statewide Message Switch with not only NCIC, but all the other ORIs that DMV connect to the SMS. Dept. of Law Courts PAT Switch Secure messaging Corrections DPS and Local **APSIN** Law Enforcement database DHSS BCU AABIS DHSS DJJ

4.3.1 CCH, SOR, Hotfiles

Alaska Department of Public Safety Alaska Public Safety Information Network *ApsinC Phase 3 – CCH, SOR, Hotfiles* 



The core components that replace legacy APSIN are introduced:

CCH – Computerized Criminal History SOR – Sex Offender Registry Hotfiles – wants/warrants, missing persons, property, vehicles, securities, etc. plus Alaska in-state-only hotfiles

Historical data in APSIN is loaded into the new component databases. Mainframe APSIN and the PAT message switch are decommissioned.

This diagram is simplistic in its focus on the additional three components. After implementation of Phase 3, **all** of the capabilities shown on the <u>ApsinC Overview</u> diagram and its <u>Legend: ApsinC Overview with</u> <u>Requirements Detailed</u> are now operational. Interagency automated integrations can be built using the SMS and the Service Layer as described on those documents.











# How the PAT message switch starts DPS software

**DFD** level 0

When PAT invokes DPS software (via START TRANSID PD80 or PD99) it passes 1,132 bytes of data. The invoked programs (PRJD800P and PRJD990P) use the CICS RETRIEVE command to copy the data into working storage.

The 1,132 bytes are structured as follows:

- 80-byte PAT Line Transmission Control Block (LXCB). Although data is stored in the database (PRJ-NCIC-MESSAGE file) in LXCB FMT4 (the newer PAT "format 4"), the LXCB is passed to PD80 and PD99 tasks using the older FMT2 format.
- 4-byte binary value of the full size of the transmitted message (it might be longer than the 1,024 bytes made available via the CICS RETRIEVE).
- 24-byte MLOG-RECKEY value which is the key to the PRJ-NCIC-MESSAGE file.
- 1,024 bytes of the transmitted message.

If the transmitted message is longer than 1,024 bytes, downstream processing programs (invoked during PD80 and PD98 tasks) will use the PATIOQUE 'UNA' ("UNstring As-is") command to retrieve the entire message.

### PRJ-NCIC-MESSAGE file management

The PAT message log, stored as ADABAS file PRJ-NCIC-MESSAGE, is too volatile and "raw" to be downloaded by Real-Time Sync (Treehouse DPSync software and SQL Server), hence it is managed in a way not unlike the BizTalk MessageBox Database albeit in an old-school mainframe manner. The link shows an excerpt of documentation that explains the batch processing and the resulting mainframe datasets that comprise the archive of the message log.

### 6.3.4 DPS.0 InA

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DPS.0

# Purge and Audit PRJ-NCIC-MESSAGE records: Jobs PRJB001P, PRJB007P, PRJB030P, PATR138P, ad hoc PATQ\*\*\*\*

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# 0. Summary

## (Times updated 4/5/2018)

Job	JCL Proc	Program(s)	Frequency	Purpose	Remarks
PRJB001P	(none)	PRJB001P (COBOL)	Daily approx. 22:35	Purge PRJ-NCIC-MESSAGE file in Production (DBID 215) and Test (DBID 227). Write image of deleted records to DPSN.PRJ.NCIC.MESS(+1).	COBOL program PRJB001P uses ADABAS direct calls to purge from the database supplied via "PARM= <u>dbid</u> " on the EXEC card. Prod. step writes image of deleted records to tape. Deletion criteria logic for Prod is complex. Test step does not write image to tape. Deletion criteria for Test very simple: delete all messages > 21 days old.
PRJB007P	PRJC0070	PAJZ9997 (DPS file utility)	Sunday approx. 01:30	Copy current generations of daily purge image from DPSN.PRJ.NCIC.MESS to DPSN.PRJ.NCIC.MWK(+1)	
PRJB030P	PRJC0300	PAJZ9997 (DPS file utility)	Monthly 2nd day approx. 02:00	Copy current generations of daily purge image from DPSN.PRJ.NCIC.MWK to DPSN.PRJ.NCIC.MONTH and DPS.PRJ.NCIC.MONTH.VAULT	
PATR138P	PRJC0010 (Natural exec)	PPR1381P PPR1382P (both Natural)	Formerly: Sunday after PRJB007P (last run 12/30/2012)	Create a report to audit accuracy of NIC numbers in APSIN compared to what was received from NCIC.	The input dataset is the generation of DPSN.PRJ.NCIC.MWK just created by PRJB007P.
Ad hoc: PATQHEXT PATQREXT PATQHORI PATQRORI	PRJC0010 (Natural exec)	Natural: PPR1236P PPR1236P PPR1231P PPR1231P	Beginning of month or as needed by [ Lisa Purinton's predecessor Bill Parker ]	Extract NCIC message data for auditing purposes.	The input dataset is the selected generation of DPSN.PRJ.NCIC.MONTH (created by job PRJB030P).

PRJ-NCIC-MESSAGE purge jobs.docx

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### 6.3.5 DPS.0 Out



This simplified diagram depicts a high-level view of how the PAT message switch fits into DPS application architecture involved in sending messages out from DPS applications.

DFD level 0

The linked page shows details about the Broker Application Servers mentioned on the current diagram: **PEBB100P** (the **PINTRFAC** BAS) and **PEBU200P** (the **PAT** BAS in CICS). It also includes the two Windows-based BASes that support requests from the mainframe.







### 6.3.8 PD80.3.PRJD700Pa

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Highlights of Law Enforcement Interface documentation

### PRJD700P

anchqqsan01 > Orgdata > SWS > SIS > Docume	entation > Applications > APSIN > Ext	ernal Interfaces 🔅	LEI Local Law Enf Interface > Flow Charts >				
Rerson Match, Add, Merge	Individual Visio flowchart	s for each					
ALVIN APSIN Interface.vsd	transaction type show all programs						
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Corrections Trans (UCD XCD).vsd	Ch 2 Person Transactions ndf	of Customer technical					
😨 Court Filing Trans (UCF XCF).vsd	Ch 4 DMV Inquiny Transactions pdf	documentation.					
😨 Court Judgement Trans (UCJ XCJ).vsd	Ch 5 Vehicle Transactions pdf						
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🗊 Gun Maint (EG MG XG LG CG).vsd	Ch 7 Court Order Transactions.pdf						
Message Types Flow Charts.vsd	Ch 8 Arrest Transactions.pdf	_					
🛐 MS061 Sending EHN messages.vsd							
😰 Person Maint (EPD, MPD).vsd							
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😰 Query ATN for SID.vsd	APSIN Code Tables.txt		top-level components of the LEI.				
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Stolen and Recovered Articles Update Data.vsd							
Stolen and Recovered Guns Update Data.vsd							
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Vehicle Inquiry (QV QVL).vsd							
Vehicle Maint (EV MV XV LV CV).vsd							
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WW, Missing Persons, Locate (EOR MOR XOR COR).vsd							