



Service Strategy  
November, 2012

# Western Identification Network Service Strategy

(November, 2012)

The purpose of this paper is to help members and other interested parties understand the unique nature of services provided by the Western Identification Network (WIN).

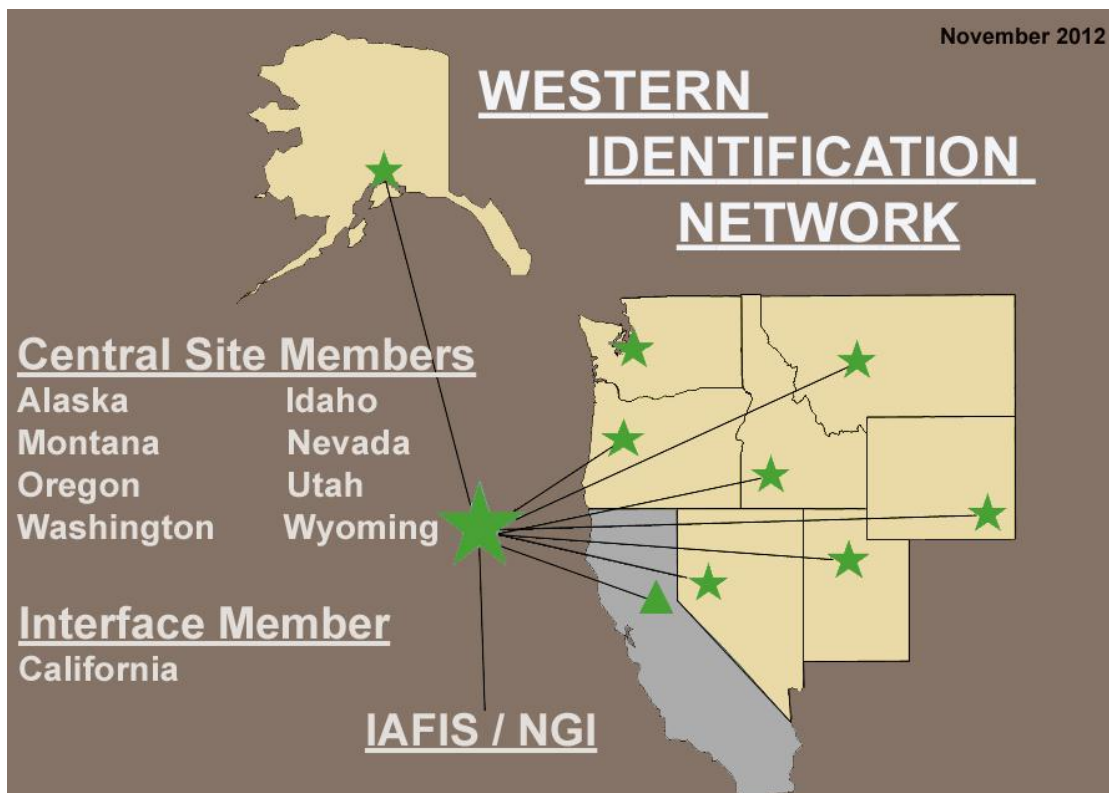
Through ongoing policy leadership provided by the WIN Board of Directors, WIN is well positioned to maintain and enhance identification services provided to member states using an open-architected, fault tolerant, NIST-IAFIS compliant approach. The key result is that WIN, and its members are able to work with multiple service providers to ensure continued cost competitive delivery of quality identification services.

## WIN's Foundation for Service to its Members:

1. WIN members are currently provided access to 29 million fingerprint records of the western United States that could not cost effectively be replicated by any state acting on its own.
2. WIN members recognize the highly transient nature of the population moving into and around member states. This population includes persons with criminal backgrounds and subjects of current interest to police. Being a part of WIN provides members with the ability to quickly search these western AFIS records including extended searches of CALDOJ and other California and Nevada local agencies.
3. At the time of WIN's formation, smaller states had neither the technical AFIS expertise nor the budget to acquire their own AFIS. These states observed the successes implemented in California including major cities and the benefits of connecting these databases to allow searching. California's successes were in part the catalyst for the smaller western states to expand the concept across state borders. To make it possible, these smaller western states banded together in an unprecedented cooperative law enforcement venture to pool financial and technical resources to establish these critical AFIS identification services.
4. WIN was formed approximately a decade prior to implementation of the national IAFIS system. WIN's original AFIS was the first multistate AFIS system to be implemented. In 1992, the Council of State Governments recognized WIN with its "Innovations in State Governments Award" for this unprecedented achievement. Now that IAFIS has been in place for more than a decade, questions are raised about contemporary benefits of maintaining the ability to additionally search regional, state and local biometric systems. The response is, post 9/11, national interest to advance interoperability among biometric systems is at least as contemporary now, as it ever has been (<sup>1</sup> see *Latent Print Interoperability Report: State and Local Perspectives*).

5. Today, WIN provides a shared central staff to support WIN members with business and IT management; AFIS and forensic experience to oversee the WIN-AFIS; and service provider contract management. Unless they remain a member of WIN, individual states could not feasibly afford to maintain a separate network and manage multiple policy agreements which are in place among the present WIN member states.
6. WIN provides expertise for development of standards based specifications, support for interface development for capture devices, criminal history interfaces and IAFIS connectivity that a state or other agency would otherwise have to replicate on its own. WIN provides a cost effective shared service that would otherwise have to be funded and managed individually by each state. These types of services are not generally provided with delivery of a stand-alone AFIS system without incurring additional cost<sup>ii</sup>.

**Who WIN is:** The Western Identification Network (WIN) is a consortium of state and local law enforcement agencies that have implemented a shared network and AFIS processing service bureau to provide the ability to search the criminal and civil fingerprint records of these member agencies. At present, WIN facilitates the ability to search approximately 29 million western state fingerprint records. WIN is a 501(c)(3) non-profit, formed by western law enforcement as a cooperative government venture to provide an AFIS Service Bureau, including interfaces to other states and local agencies in California and Nevada. WIN policy direction is provided through a Board of Directors comprised of member law enforcement managers. WIN vendor outsourcing agreements are managed by WIN Staff based in Sacramento, California in accordance with WIN Board policy direction.



**WIN Goals** are to facilitate member automated criminal and civil fingerprint identification requirements and to the extent feasible, enhance these services by supporting additional biometric record types and by expanding the capability to search records of other jurisdictions that would not otherwise be accomplished.

There are approximately 70 million criminal records at the FBI. A portion of information related to these records and those not indexed with the FBI is available at state and local levels only. Accordingly, the only way to gain access to these additional records is to maintain the ability to search other state and local databases. Further, it is estimated that one in five criminals has a criminal record in more than one state. These statistical conditions are nationally recognized and form the basis for encouraging a national policy of conducting both state and national searches of fingerprint and related criminal justice information systems to obtain as complete and accurate a search as possible. WIN is especially relevant in that the fingerprint records of 8 geographically collocated states can be searched in one request.

WIN members use WIN-AFIS to (1) Verify identity of arrested persons, (2) Determine identity associated with fingerprints left at crime scenes, (3) Verify identity of individuals to facilitate determination of the existence of previous criminal activity of these persons who are seeking employment, licensing, and/or gun permits as authorized by law.

WIN provides a central AFIS service bureau that combines the fingerprint records of Alaska, Idaho, Montana, Nevada, Oregon, Utah, Washington and Wyoming. The following table exemplifies WINs capabilities in this regard:

<b>Feature</b>	<b>Present 2012 Capability</b>	<b>Projected 2020 Capability</b>
Daily Ten print Submissions	7000	11,000
Daily Latent Submissions	500	3,000
Ten print Database Size	7,000,000	26,000,000
Multi Event Database-Up to 3 Events	1 <sup>st</sup> QTR 2014	Exists
Palm Database Size	500,000	4,750,000
WIN Connected Ten print Database Size	29,000,000	40,000,000
Connected Live Scan Devices	700	1200
ABIS Workstations	90	120
Shared FBI IAFIS Interface	Exists	Exists
Palm Matching	Exists	Exists
Flat Applicant Processing	Exists	Exists
Slap Images Latent Cognizant	Exists	Exists
Latent Searches to FBI (ULW)	Exists	Exists
Common Criminal History Interface	Exists	Exists
Common Fingerprint Submission Specification, WIN-EFTS/EBTS	Exists	Exists
Enhanced FBI – CJIS – NGI Offerings e.g Rap Back, Latent EFS, RISC, Palm, Face	1 <sup>st</sup> QTR 2014	Exists

Disaster Recovery Site – Irving Texas	1 <sup>st</sup> QTR 2014	Exists
Telecommunications Network including 7 X 24 Network Monitoring and Response, firewalls and VPN	Exists	Exists
Ability to reciprocally search California Department of Justice and agencies connected to CALID Network	Exists	Exists
Ability to Reciprocally Search Las Vegas	Exists	Exists
Ability to expand reciprocal searches using NIST/EBTS open standards	Exists	Exists
Ability to search the WIN database from remote wireless handheld devices (Mobile ID)	Exists	Exists
Subject Cross Reference Multi-State	Exists	Exists
WIN award and development of Next Generation ABIS	1 <sup>st</sup> QTR 2014	Exists

Key Policy Question:

Given the pace of technology change and vendors participating in the AFIS marketplace, how has WIN appropriately addressed issues of competition in maintaining, enhancing and replacing AFIS systems?

Since the creation of the first version of this document in January, 2004, WIN has:

- 2005 – Developed and adopted a WIN Strategic Plan addressing member needs in WIN’s operational, technical and management environments;
- 2006 – Developed WIN’s Functional Requirements Specification addressing member operational needs in a next generation biometric system;
- 2007 – Developed a Request for Proposal (RFP) and Vendor Benchmarking Plan;
- 2008 – Initiated a vendor Request for Information (RFI) assess competitive interest, vendor capability and interest in participation;
- 2009/2010 – Conducted Biometric market analysis focusing on vendor transition risk management and preliminary costs;
- Facilitated a deliberative Board process that resulted in an October, 2010 decision by the WIN Board to bid for its next generation ABIS System;
- During June through October, 2011, WIN issued a bid assisted by MTG Management Consultants (MTG) and Higgins and Associates International (HAI). The technical structure for the bid was created by HAI and vendor proposals were evaluated by WIN members;
- A contract has been signed with NEC Corporation of America to build and deploy the new system which is expected to be fully operational by the 1<sup>st</sup> quarter 2014.

## WIN ACCESSIBLE DATABASES

### TOTAL SEARCHABLE SUBJECT RECORDS

	Tenprint	Slap	Palm	Latent	Unsolved Finger	Latents Palm
<b>Alaska</b>	502,788	348,714	3	502,788	1,557	4
<b>Idaho</b>	507,033	361,859	35,162	507,033	6,098	588
<b>DHS</b>	152,876	6,415		24,599	2	
<b>Montana</b>	196,963	169,754	1,184	196,963	333	21
<b>Nevada</b>	1,033,589	632,529	52,489	805,156	2,987	152
<b>Oregon</b>	1,654,237	1,011,020	157,064	1,387,141	7,464	335
<b>Utah</b>	708,922	574,147	9,198	708,916	12,084	270
<b>Wyoming</b>	205,757	164,626	6,962	199,264	274	1
<b>Washington</b>	1,739,749	780,357	96,587	1,739,749	8,259	826
<b>WIN</b>	<b>6,701,914</b>	<b>4,049,421</b>	<b>358,649</b>	<b>6,071,609</b>	<b>39,058</b>	<b>2,197</b>
<b>CAL-DOJ</b>	22,431,584		3,642,069	8,573,376	203,407	46,314
<b>Total</b>	<b>29,133,498</b>	<b>4,049,421</b>	<b>4,000,718</b>	<b>14,644,985</b>	<b>242,465</b>	<b>48,511</b>

Records\*

As of JUN 30, 2012

\*In addition, records in Las Vegas Metro PD, Nevada, plus the California Counties of Orange, San Bernardino/Riverside, and San Francisco are available.

## WIN 2011 HIT STATISTICS

### FORWARD TENPRINT SEARCH

<u>Submitting State</u>	<u>Total Hits</u>	<u>AK</u>	<u>ID</u>	<u>MT</u>	<u>NV</u>	<u>OR</u>	<u>UT</u>	<u>WA</u>	<u>WY</u>
		<b>HIT STATE</b>							
<b>Alaska</b>	<b>37,675</b>	35,018	259	153	348	820	197	780	100
<b>Idaho</b>	<b>167,453</b>	1,530	137,864	2,291	3,800	7,573	5,084	7,733	1,578
<b>Montana</b>	<b>67,466</b>	880	2,211	56,433	1,157	1,879	1,098	2,258	1,550
<b>Nevada</b>	<b>330,258</b>	1,715	3,421	1,280	305,551	5,942	6,533	4,499	1,317
<b>Oregon</b>	<b>479,837</b>	4,072	8,320	2,670	7,225	437,850	3,154	15,135	1,411
<b>Utah</b>	<b>233,381</b>	990	4,397	1,095	7,326	2,749	212,930	1,393	2,501
<b>Washington</b>	<b>598,878</b>	4,796	7,519	2,133	4,286	21,036	1,862	556,586	660
<b>Wyoming</b>	<b>61,982</b>	842	1,377	1,260	1,022	940	2,040	717	53,784
<b>Summary</b>	<b>1,976,930</b>	<b>49,843</b>	<b>165,368</b>	<b>67,315</b>	<b>330,715</b>	<b>478,789</b>	<b>232,898</b>	<b>589,101</b>	<b>62,901</b>

### FORWARD LATENT SEARCH

<u>Submitting State</u>	<u>Total Hits</u>	<u>AK</u>	<u>ID</u>	<u>MT</u>	<u>NV</u>	<u>OR</u>	<u>UT</u>	<u>WA</u>	<u>WY</u>
		<b>HIT STATE</b>							
<b>Alaska</b>	<b>209</b>	178	4	3	1	15	1	7	
<b>Idaho</b>	<b>311</b>		295	1		4	2	9	
<b>Montana</b>	<b>16</b>		1	11		2			2
<b>Nevada</b>	<b>125</b>		2		117	1	4	1	
<b>Oregon</b>	<b>321</b>		7	1	1	296		16	
<b>Utah</b>	<b>532</b>		10		9	5	501	5	2
<b>Washington</b>	<b>631</b>	1	6		2	9	6	607	
<b>Wyoming</b>	<b>55</b>			1			2		52
<b>Summary</b>	<b>2,200</b>	<b>179</b>	<b>325</b>	<b>17</b>	<b>130</b>	<b>332</b>	<b>516</b>	<b>645</b>	<b>56</b>

REVERSE LATENT SEARCH									
Submitting State	Total Hits	<u>AK</u>	<u>ID</u>	<u>MT</u>	<u>NV</u>	<u>OR</u>	<u>UT</u>	<u>WA</u>	<u>WY</u>
		HIT STATE							
Alaska	13	13							
Idaho	50		45		1	1	1	2	
Montana	1			1					
Nevada	16		1		12	2	1		
Oregon	50		1	1	2	40		6	
Utah	133		2	1	1	1	120	5	3
Washington	121				1	6		114	
Summary	384	13	49	3	17	50	122	127	3

<sup>i</sup> Latent Print Interoperability: State and Local Perspectives – Prepared by Noblis, Inc. for the Law Enforcement Standards Office (OLES) at NIST, Under Cooperative Agreement No. 70ANB11H030, April 2, 2012

<sup>ii</sup> In a Post Implementation Review of the upgraded WIN-AFIS system (October 23, 2002), MTG Management Consultants included the following Finding: “WIN appears to provide a comparatively inexpensive yet effective means to integrate AFIS and criminal history record applications. The WIN member states are not alone in their efforts to implement fingerprint identification workflow management applications that integrate Live-Scan devices, state CCH applications, and the FBI’s criminal history/AFIS applications. However, while other agencies have spent several hundred thousand dollars and more to implement integrated CCH/AFIS work-flow applications, it appears that WIN member agencies are spending a small fraction of these amounts to obtain similar results.”