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THE OPENFOX®  
CRIMINAL HISTORY  
APPLICATION

## OPENFOX® CRIMINAL HISTORY APPLICATION

Computer Projects of Illinois, Inc. (CPI), with its headquarters in Bolingbrook, Illinois, is a privately held corporation and an acknowledged leader in information-sharing software systems for the law enforcement and criminal justice community.

CPI is the only information sharing solutions provider that focuses solely on the unique needs of professionals in the law enforcement, and criminal justice fields. Simply, CPI products act as conduits that allow information to flow easily between various systems such as NCIC and NLETS.

Because of CPI's focus, nearly half of all law enforcement users within the U.S. (including federal, state and local agencies) rely on our comprehensive and proven OpenFox® suite of information sharing products.

### In Brief

The core function of tracking criminal history is the first line of defense for public and officer safety. The unencumbered flow of information among a host of stakeholders, including all law enforcement and criminal justice users, is critical. The OpenFox® Criminal History Application provides complete integration for full-cycle tracking and reporting of criminal history. It facilitates information sharing with external systems such as AFIS, Administrative Offices of the Courts, States Attorneys, and Departments of Corrections. The CHA also allows states to support national data formats such as the National Crime Information Center's (NCIC) Interstate Identification Index.

### Overview

The central function and purpose of the Criminal History Application is the management of criminal history information. The CHA is organized around a central repository that manages all the personal and identification data as well as the creation, maintenance and dissemination of criminal history information including Arrest Events, Prosecutor Data, Dispositions, and Custody Data.

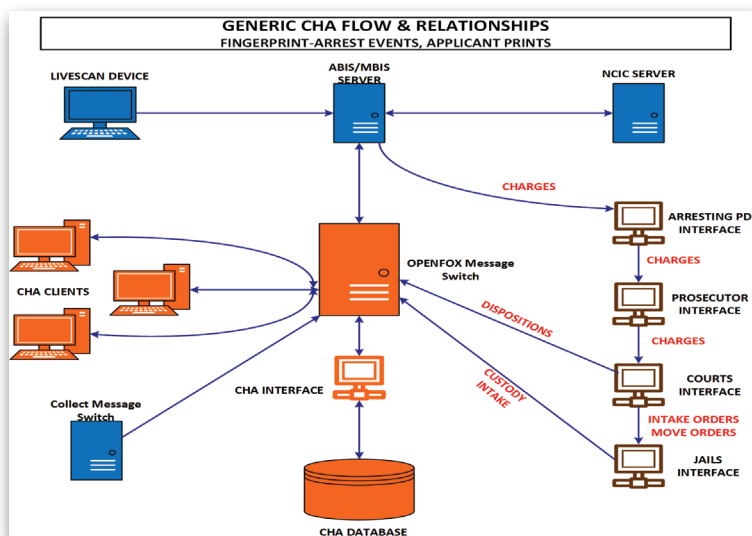
The design easily supports other types of applications frequently associated with the criminal history application such as Firearm Permits, Protection Order Processing and Sex Offender Registry Data.

### Technical Information

A Relational Database Management System such as Oracle or MS Sequel Server is used to manage the application data.

## General Capabilities

- Interfaces with the Administrative Office of the Courts [AOC] to obtain Disposition Data.
- Interfaces with the Department of Corrections for population information related to intake, criminal activity and release for inclusion in a person's history.
- NCIC Interstate Identification Index (Triple I) and National Fingerprint File (NFF) functionality support.
- Machine-Readable Disposition [MRD] support. The MRD is customized and tailored to the customer's requirements to manage and enhance the activity with NCIC. Dispositions can also be forwarded to NCIC using the DSP transaction support.
- The Criminal History Application provides client workstation capability as well as support for message switch transactions, batch and offline tasks, and reporting capabilities for use in the centralized Criminal History Application (CHA) task management and execution.



## Current Clients:

Air Force Office of Special Investigations  
Alabama Law Enforcement Agency  
Arizona Department of Public Safety  
Arkansas Crime Information Center  
Hawaii Criminal Justice Data Center  
Idaho State Police  
Illinois State Police  
Indiana State Police  
Iowa Department of Public Safety  
Kansas Bureau of Investigation  
Kentucky State Police  
Maine State Police  
Massachusetts Criminal History System Board  
Maryland Department of Public Safety  
Michigan State Police  
Mississippi Justice Information Center  
Missouri State Highway Patrol  
Montana Department of Justice  
New Hampshire State Police  
New Mexico Department of Public Safety  
North Dakota Dept of Emergency Services  
Ohio Department of Public Safety  
Ohio Attorney General  
Oklahoma Department of Public Safety  
Oklahoma State Bureau of Investigation  
Philadelphia Police Department  
Rhode Island State Police  
Rhode Island Attorney General  
South Dakota Bureau of IT  
Texas Department of Public Safety  
US Army Criminal Investigative Division  
US Department of Justice  
US Immigration & Customs Enforcement  
US National Central Bureau  
US Naval Criminal Investigative Services  
US Postal Inspection Service  
Vermont Department of Public Safety  
Virginia State Police  
West Virginia State Police  
Wisconsin Bureau of Criminal Investigation  
Wyoming Division of Criminal Investigation

## Demographics and Basic Application Management Transaction Application Screen

Master	Supplemental	Weapon	Arrest	Dissemination	Address	Sex Offender	Vehicle	Child Abuser
<b>Record Information</b> State ID: 106546    Record Type: C = CONVERTED <input type="checkbox"/> CAB    NCIC Want: <input type="checkbox"/> Old State ID: <input type="text"/> BBE Status: <input type="text"/> FFS: <input type="text"/> Multi-State Offender: <input type="text"/> Offender Key: <input type="text"/> Weapon Permit Status: <input type="text"/> <input type="checkbox"/> Sex Offender <input checked="" type="checkbox"/> Felony Conviction <input type="checkbox"/> DV Charge <input type="checkbox"/> DV Conviction								
<b>Personal Information</b> * Last Name: SMITH    Suffix: <input type="text"/> * First Name: FRANK    Middle: ANTHONY Date of Birth: 08191969    Place of Birth: MD - Maryland Sex: M - Male    Race: W - White    Ethnicity: <input type="text"/> Skin Tone: <input type="text"/> Height: 604    Weight: 185    Eye Color: HAZ - Hazel    Hair Color: BRO - Brown    SSN: 234110702    Citizen: <input type="text"/>								
<b>Record Identification</b> FBI #: 166717NA4    FPC: <input type="text"/> BAR: 0018513182 Occupation: <input type="text"/> Comments: <input type="text"/> Henry Number: 13 O 13 U 000 19 Henry Den: 1 18 U 001 12								
<b>Address</b> Street: PO BOX 434 City: GREAT CACAPON    State: WV - West Virginia    Zip: 25422								
<b>Record Management</b> Entered: <input type="text"/> Updated: 01242007    User: 94    Photo: <input checked="" type="checkbox"/>								

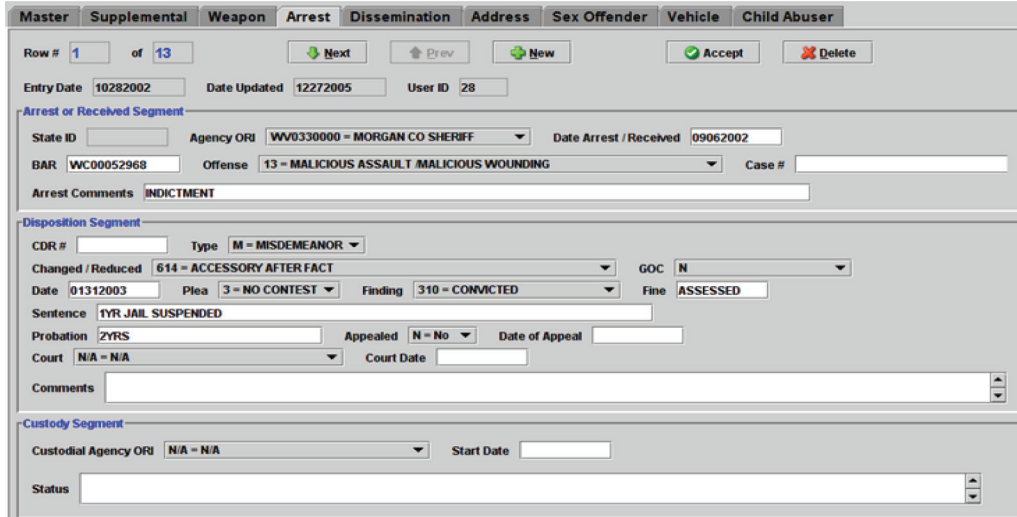
There is a single, unique master person-definition entry that maintains the personal demographic data for an individual.

Important information dissemination and distribution features & functionality in the Criminal History Application includes support for exchange of transactions with NLETS, NCIC, and field user functions, typically through the state message switch.

The business and data management processes are implemented as robust stored procedures. The Criminal History Application client interface is implemented as an OpenFox® Desktop application to provide an attractive, easy-to-use, and efficient interface for the user while meeting NCIC and State Security Policies.



The Criminal History Application includes transactions that provide DB Object Creation and Maintenance, entry, maintenance and tracking of demographic data, Arrest Incident Data, Charges, Dispositions and Expunge management as well as other Criminal History Application data elements.



### Arrest and Disposition Screen

Interstate Identification Index [III] and National Fingerprint File [NFF] Compliance. The III transactions such as CHR, PIR, NPR, MSO, SSO and others are managed and processed including any required database updates.

### Standard Rap Sheet

The NIEM standard RAP Sheet is generated when responding to a dissemination request. If the response is destined to the Nlets system it will be delivered in NIEM or to another form of XML if the destination is XML capable. However, if the response is destined to a device that does not support XML formats, the message will be converted to presentation format through the use of Style Sheet processing.

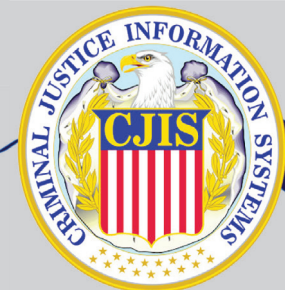
### Digital Mugshot Capability

The storage, retrieval, and display mechanisms are based on those employed and are compatible with the NCIC 2000 image management capabilities.

## CPI OpenFox® Product Suite:

- Message Switch Information Broker
- Sex Offender Registry (SOR)
- Criminal History Records Application (CCH)
- CJIS Messenger Workstation
- High Availability
- Configurator
- Operator Aid
- Software as a Service (SaaS)
- Mobile Messenger
- CLAW - smartphone/tablet application
- iRap - Internet Record Access Portal
- Hotfile Application
- Archive Retrieval
- Online Validation Application
- Proxy Server
- nexText - CJIS Certification & Security training

**CJIS & Nlets  
Audited**



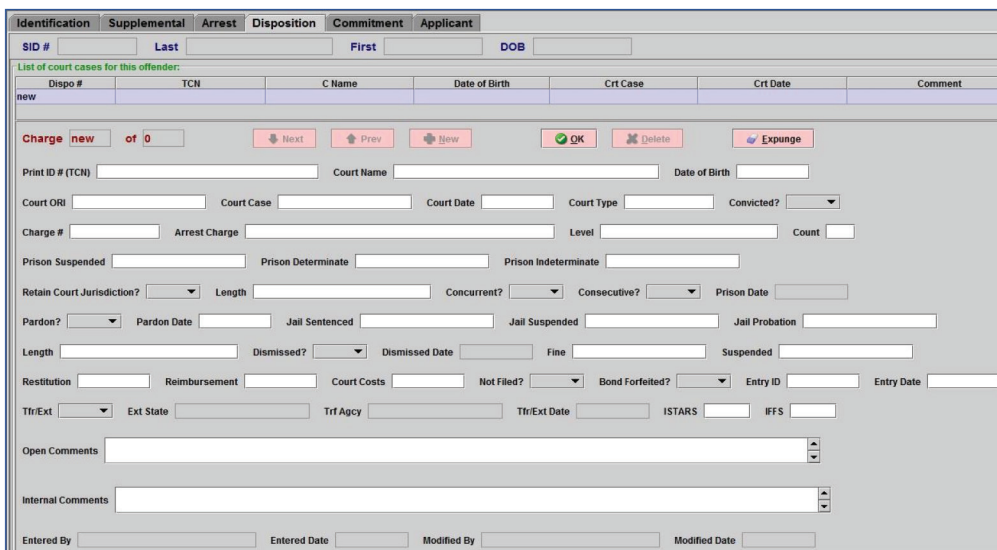


## Automated Fingerprint Identification System [AFIS] Interface

The Criminal History Application supports an automated interface to an AFIS system. Many methods of communication are available for this interface, such as: Web services, database table to database table, legacy text or utilizing NIST formatted transactions including electronic fingerprint card data submission to the Criminal History Application, as well as database searches to return demographic data to the AFIS.

## Public Access to Computerized Criminal Histories [CCH] Information

An interface or Web service can be implemented that manages requests from an Internet accessible server to deliver limited criminal history information to public requests, or the system can provide a periodic unload and transfer of specified information from the Criminal History database to a public access Web server.



The DISPOSITION tab form is used to manage the details of dispositions obtained from the various judiciaries responsible for handling the charged arrest events.

## CHA Customers (Current & Planned)

**Alabama Criminal  
Justice Information  
Center**

**Arizona Department of  
Public Safety**

**Colorado Crime  
Information Center**

**Idaho State Police**

**Iowa Department of  
Public Safety**

**Kentucky State Police**

**Missouri State  
Highway Patrol**

**New Hampshire State  
Police**

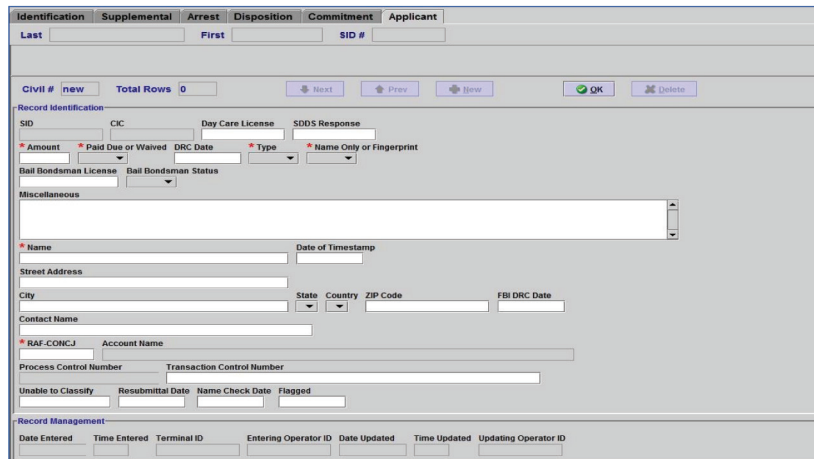
**Ohio Attorney General**

**Philadelphia Police  
Department**

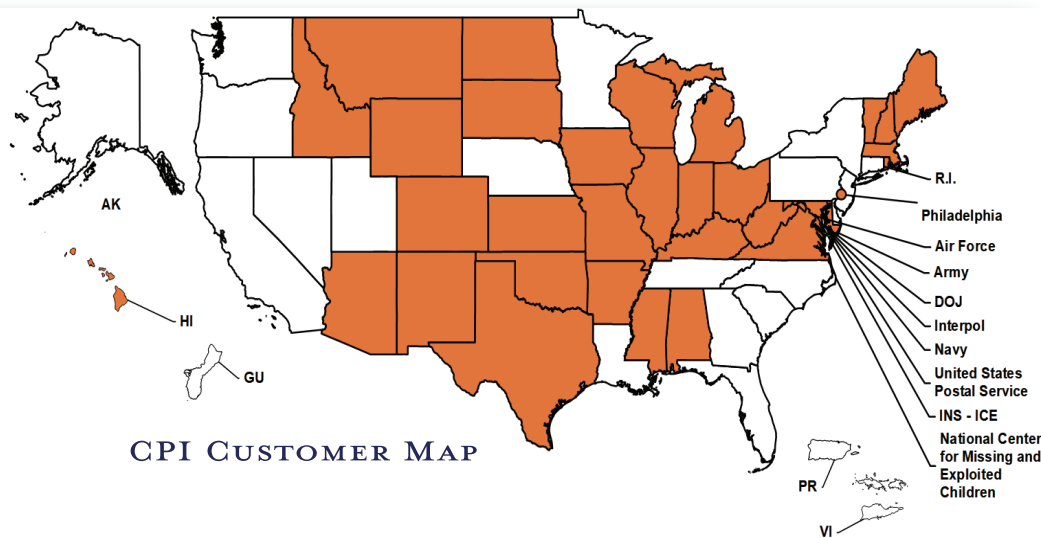
**Rhode Island Attorney  
General**

**Vermont Department  
of Public Safety**

**West Virginia State  
Police**



The APPLICANT-specific form and data elements in the database provide data capture, name only and fingerprint supported checks in the CHA and AFIS to support the Applicant Flow functionality.



## Computer Projects of Illinois, Inc.

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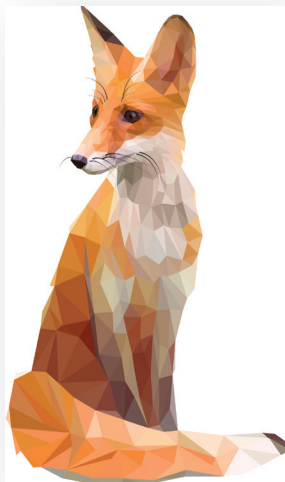
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The OpenFox® Company



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**CPI**

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