

WCA Framework - Virginia State Police - Identification of Sex Offenders

Customer:

General Public

Agencies

State & Local Police

Product:

Current, accurate, and secure information on sex offenders.

Business Process:

Major Steps

1. Sex Offender Registry Search
2. Receipt of information generated from search
3. Notification to subscribing agencies, Police departments and general public

Rationale

1. Comply with legislative mandate to provide public access to SO info.
2. Provide law enforcement and agencies with up-to-date information that will assist them in carrying out their duties.

Participants

Police personnel

Courts

Vector personnel

Information

Physical Characteristics

Address &
Work History

Conviction RecordCool ICE

Photograph & Aliases

Technology

Web servers & browsers

Internet &
Intranet

Unisys 2200

Police PCs

ERD - Virginia State Police - Identification of Sex Offenders

General Public, Police, and Agency Attributes:

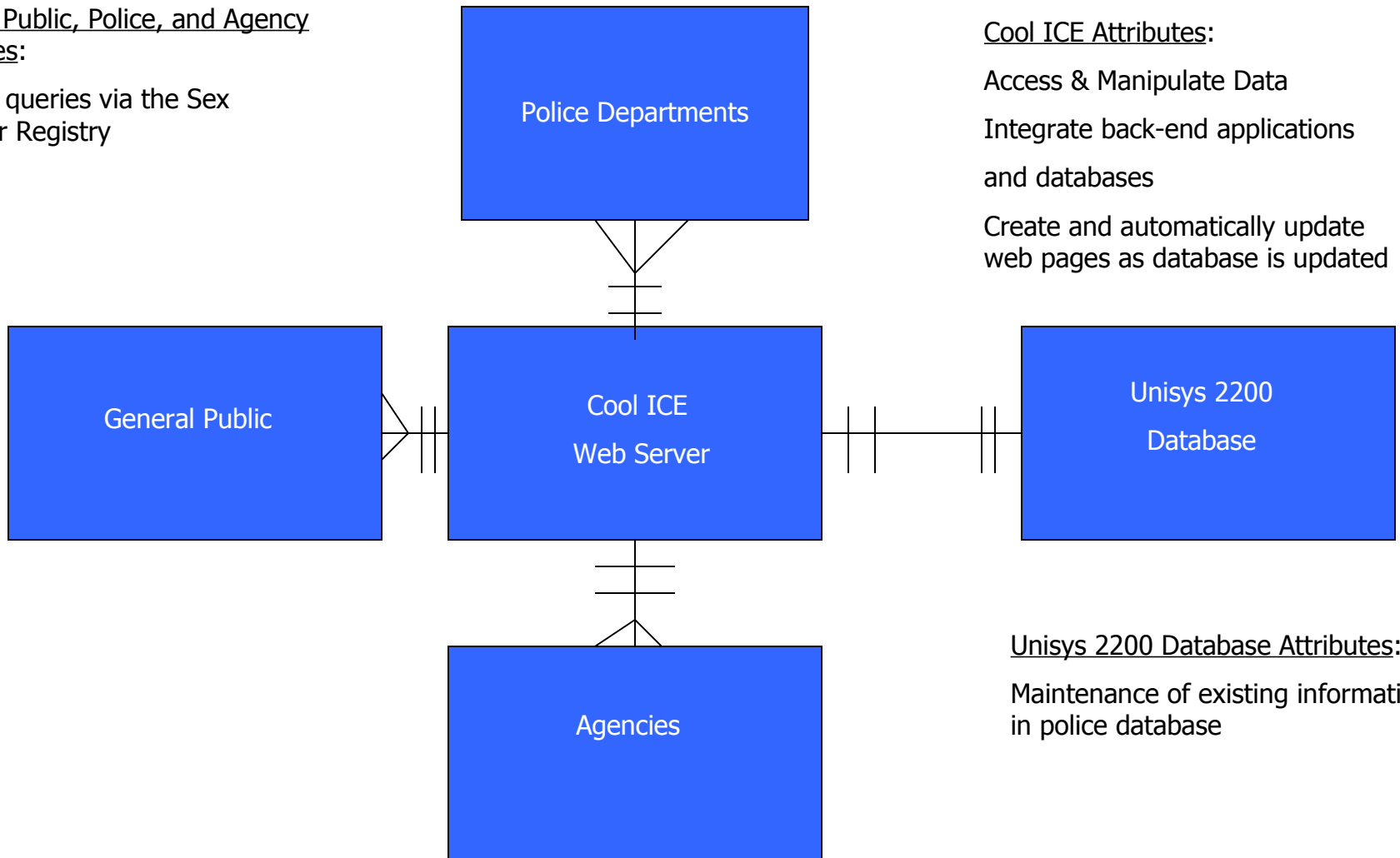
Perform queries via the Sex Offender Registry

Cool ICE Attributes:

Access & Manipulate Data

Integrate back-end applications and databases

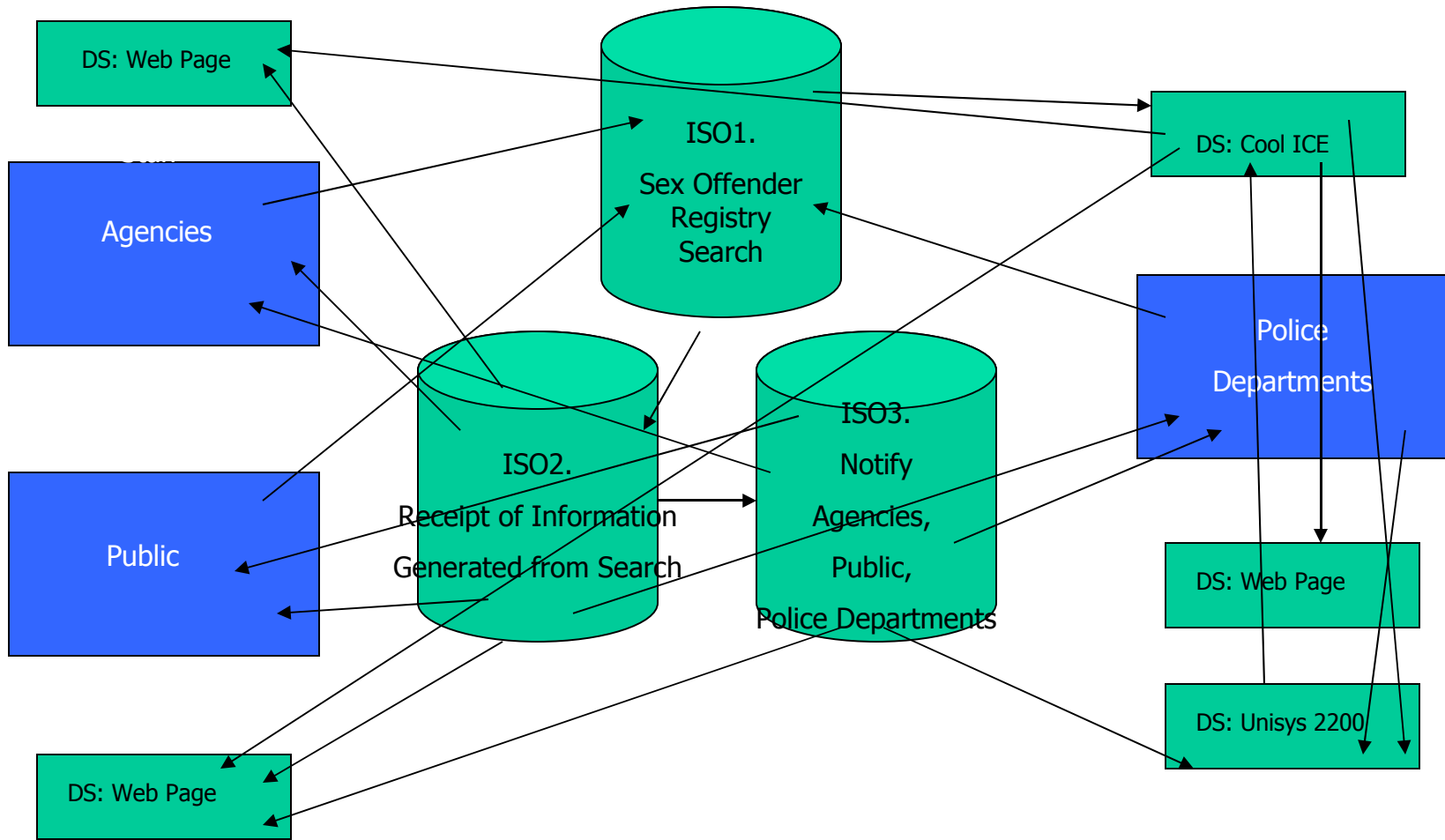
Create and automatically update web pages as database is updated



Unisys 2200 Database Attributes:

Maintenance of existing information in police database

DFD - Virginia State Police - Identification of Sex Offenders



Description of data flow (arrows):

Queries are made from entities (blue boxes) via the Registry Search (ISO1). Then, the Registry Search request goes to the Cool ICE server, which in turn queries the Unisys 2200 database. The Unisys database sends information back to the Cool ICE server, where the data is then manipulated and the web pages used by the entities are automatically updated and information is displayed for their use (ISO2 & ISO3).

WCA Framework - Fairfax County Police - Development & Maintenance of Criminal History Records - Arrest and Booking Procedure

Customer:

Agencies

State & Local Police

Product:

Quick, efficient, and integrated arrest & booking procedure with investigative/matching capability.

Business Process:

Major Steps

1. Booking & arrest
2. Information capture & feed
3. Database searches
4. Update of information
5. Matches made and transmitted back

Rationale

1. Need more efficient & integrated process
2. Need integrated system for info. sharing
3. Cut costs derived from duplicative/outdated methods

Participants

Police personnel

Courts

Agency personnel

Information

Mugshots

Fingerprint data

Arrest data

Technology

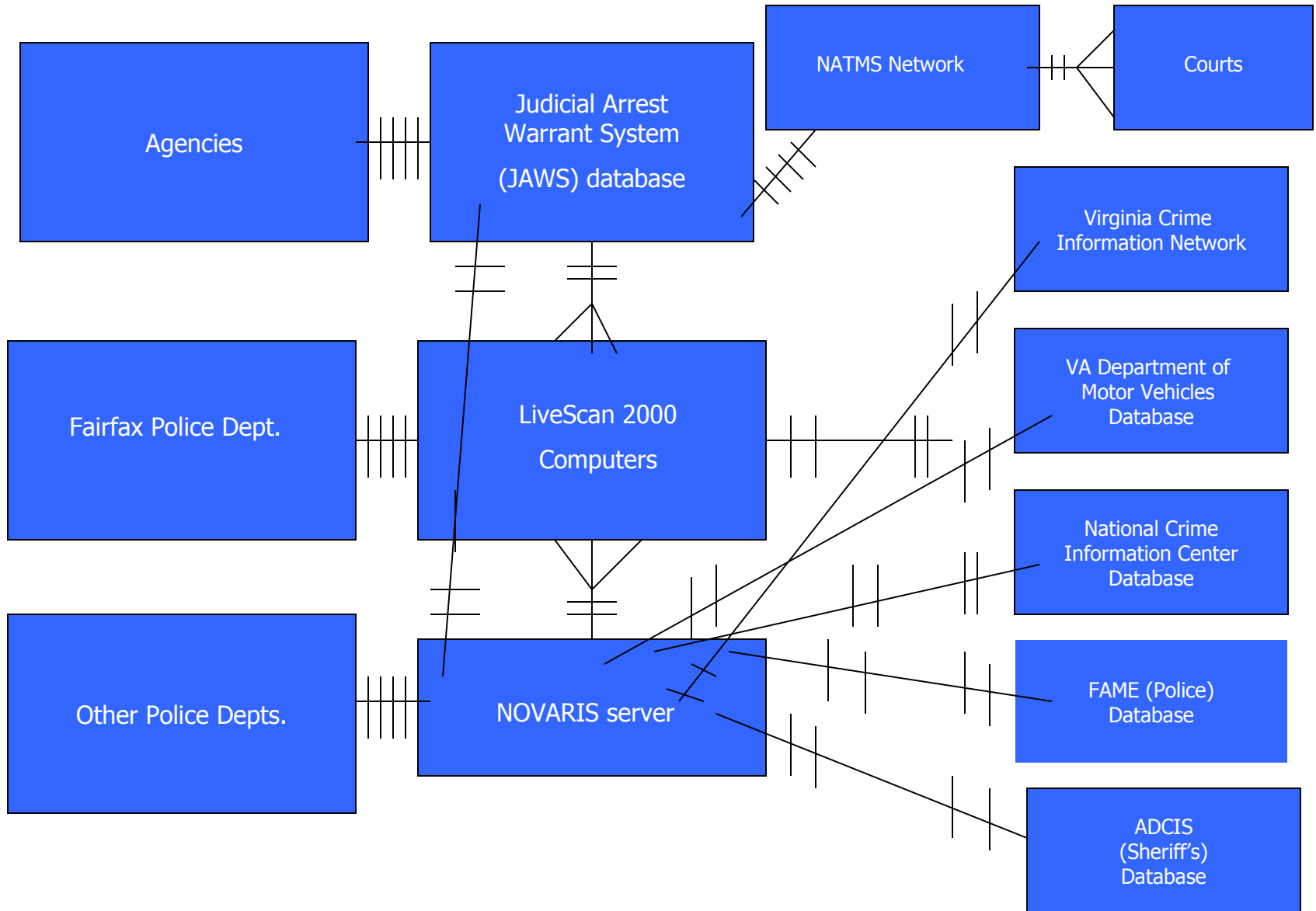
JAWS

NOVARIS

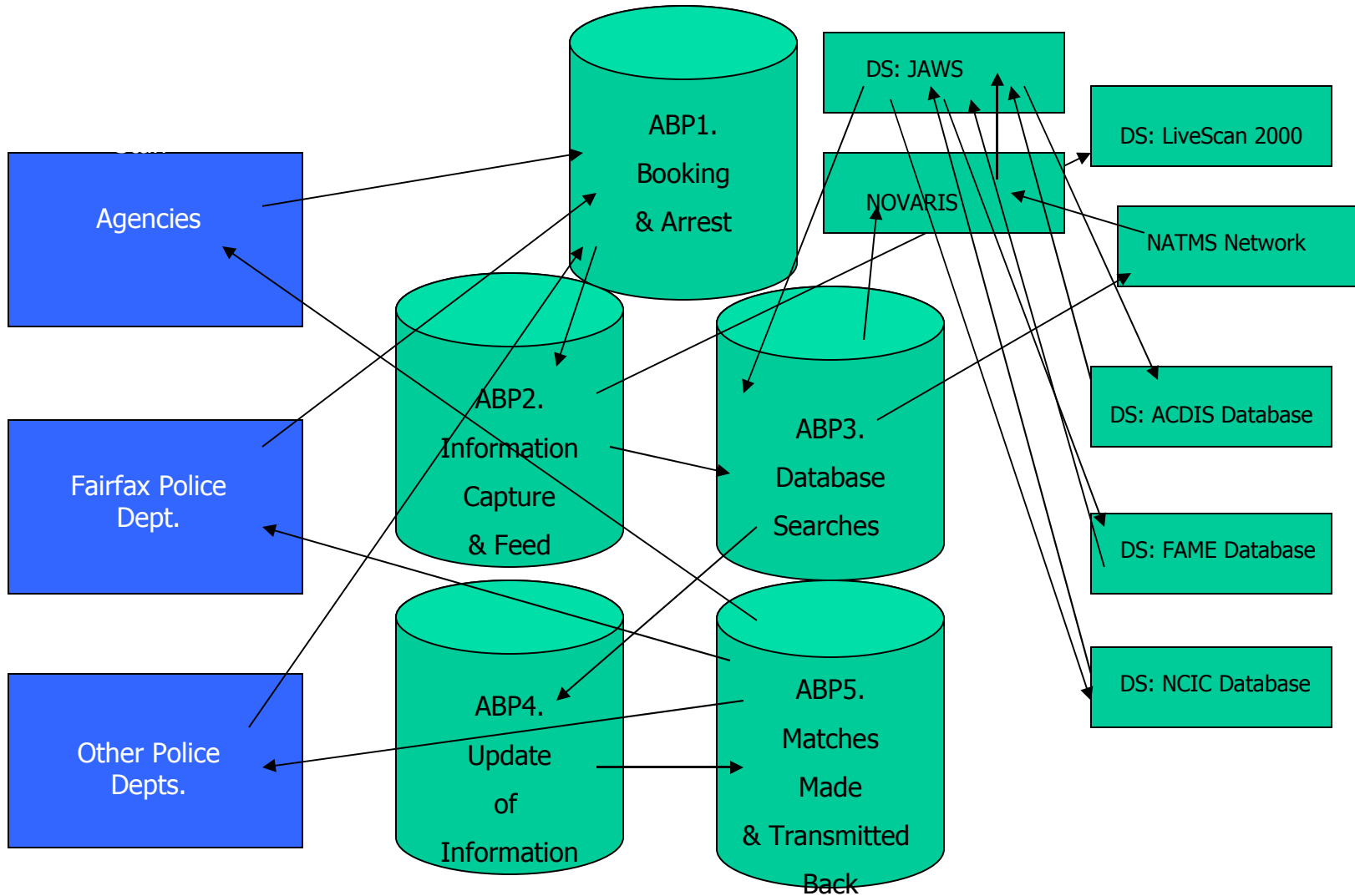
NCIC, DMV, VCIN, FAME, ADCIS

LiveScan 2000

ERD - Fairfax County Police - Development & Maintenance of Criminal History Records - Arrest and Booking Procedure



DFD - Fairfax County Police - Development & Maintenance of Criminal History Records - Arrest and Booking Procedure



Description of data flow (arrows):

The LiveScan computer(s) are used during the booking and arrest process. The information is then transmitted to JAWS, through the NATMS network, and out through the NOVARIS server to the various other databases. The data is then sent back through JAWS to the various police departments and agencies.