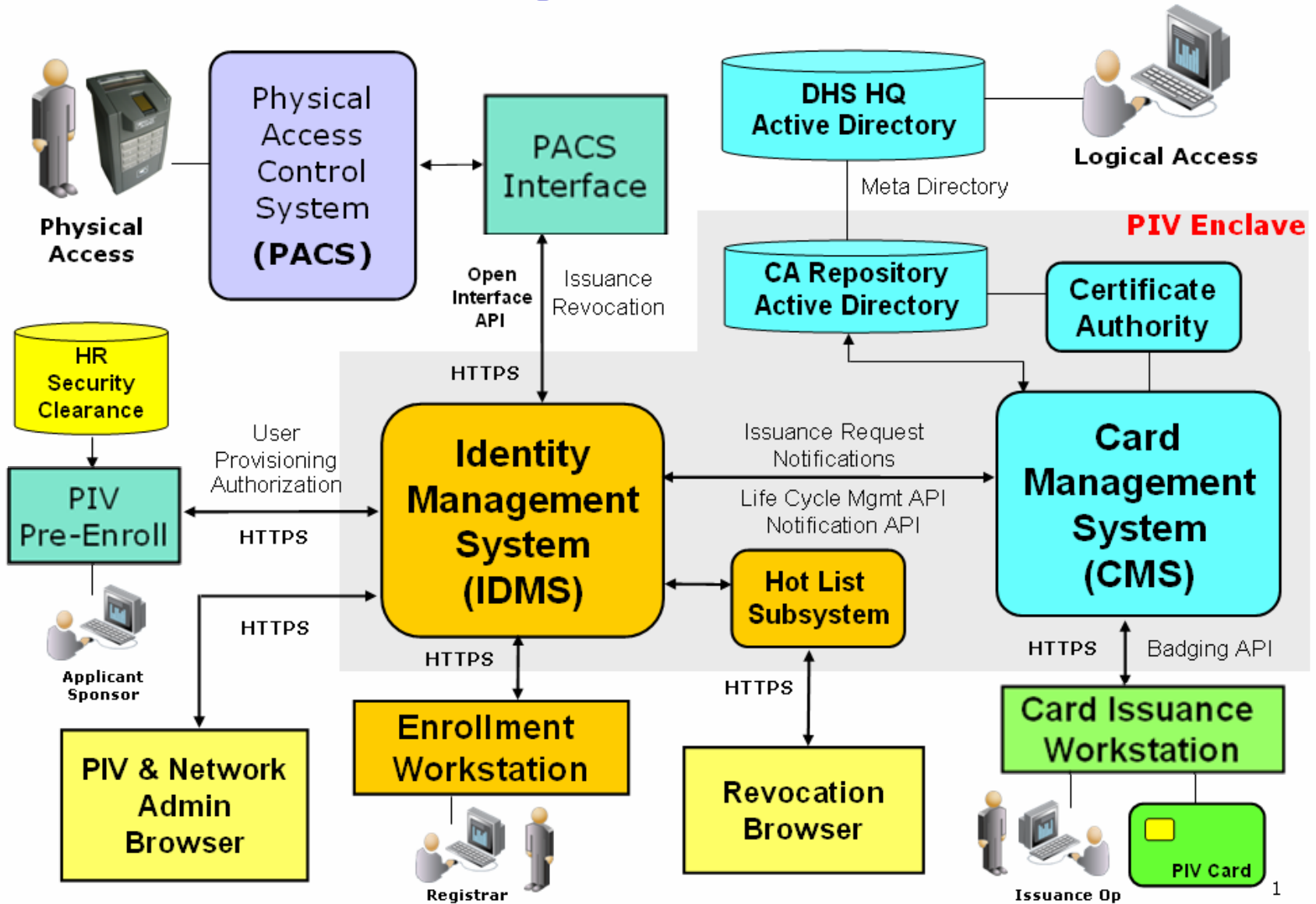

DHS HSPD-12 Integration Components



By: Gregory Abrenio
703-377-1279
Abrenio_gregory@bah.com

DHS PIV System Architecture



AGENDA

PIV
Pre-Enroll

- **Pre-Enrollment**
 - Background
 - Transactions
 - Data Transmission

PACS
Interface

- **Physical Access Integration - PIVLINK**
 - PACS Integration
 - Open Standards

Card Issuance
Workstation

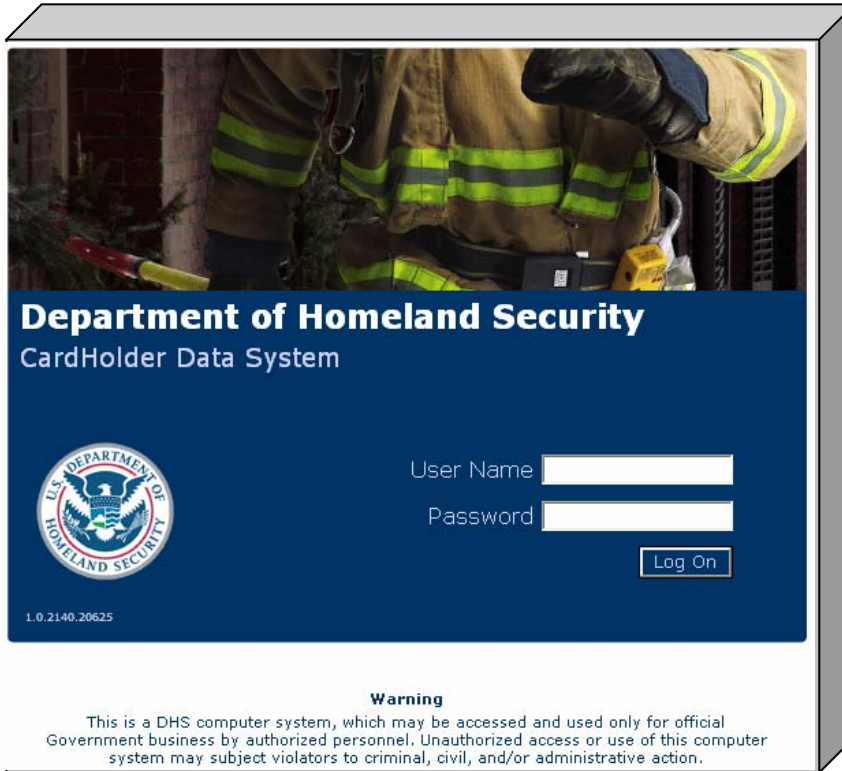
- **Card Issuance Station**
 - Description
 - Work flow

Pre-Enrollment

We Developed A Pre-Enrollment Application To Initiate The HSPD-12 process.

- **Data Model:** Provided the necessary data schema necessary for the Pre-Enrollment process.
- **Application Request:** Provided a applicant to apply and sponsors to approve the request.
- **Accessibility:** Provided a secure and interoperable interface for applicants to input identity data.

The Card Holder Data System Allows DHS To Input and Manage Applicant Data.



The screenshot shows the login interface for the Department of Homeland Security CardHolder Data System. At the top, there is a photograph of a firefighter in full gear. Below the photo, the text reads "Department of Homeland Security CardHolder Data System". The DHS seal is positioned on the left side. The login fields include "User Name" and "Password", both with input boxes and a "Log On" button. A version number "1.0.2140.20625" is located in the bottom left corner. A "Warning" section at the bottom states: "This is a DHS computer system, which may be accessed and used only for official Government business by authorized personnel. Unauthorized access or use of this computer system may subject violators to criminal, civil, and/or administrative action."

Department of Homeland Security
CardHolder Data System

User Name

Password

1.0.2140.20625

Warning
This is a DHS computer system, which may be accessed and used only for official Government business by authorized personnel. Unauthorized access or use of this computer system may subject violators to criminal, civil, and/or administrative action.



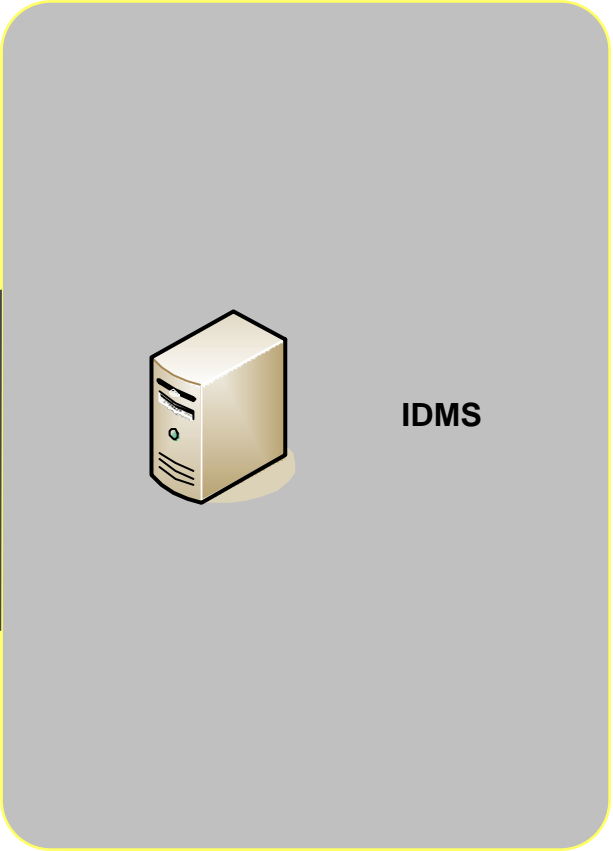
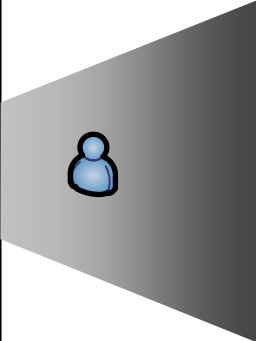
The screenshot displays the "Applicant Information" form within the DHS CardHolder Data System. The page header includes the DHS seal and the text "Department of Homeland Security CardHolder Data System". A navigation bar contains "Add" and "Log Out" buttons. Below the header, there are "Post Changes" and "Clear Form" buttons, with a note "* Required Fields". The form fields are as follows:

- Title/Rank: *
- First name: *
- Last Name: *
- Middle Name: *
- Suffix: *
- Affiliation1: *
- Affiliation 2: *
- Date of Birth (YYYYMMDD): *
- Sex: *
- Department: *
- Component: *
- Office: *
- Nationality: *

The Card Holder Data System Allows DHS To Input and Manage Applicant Data.

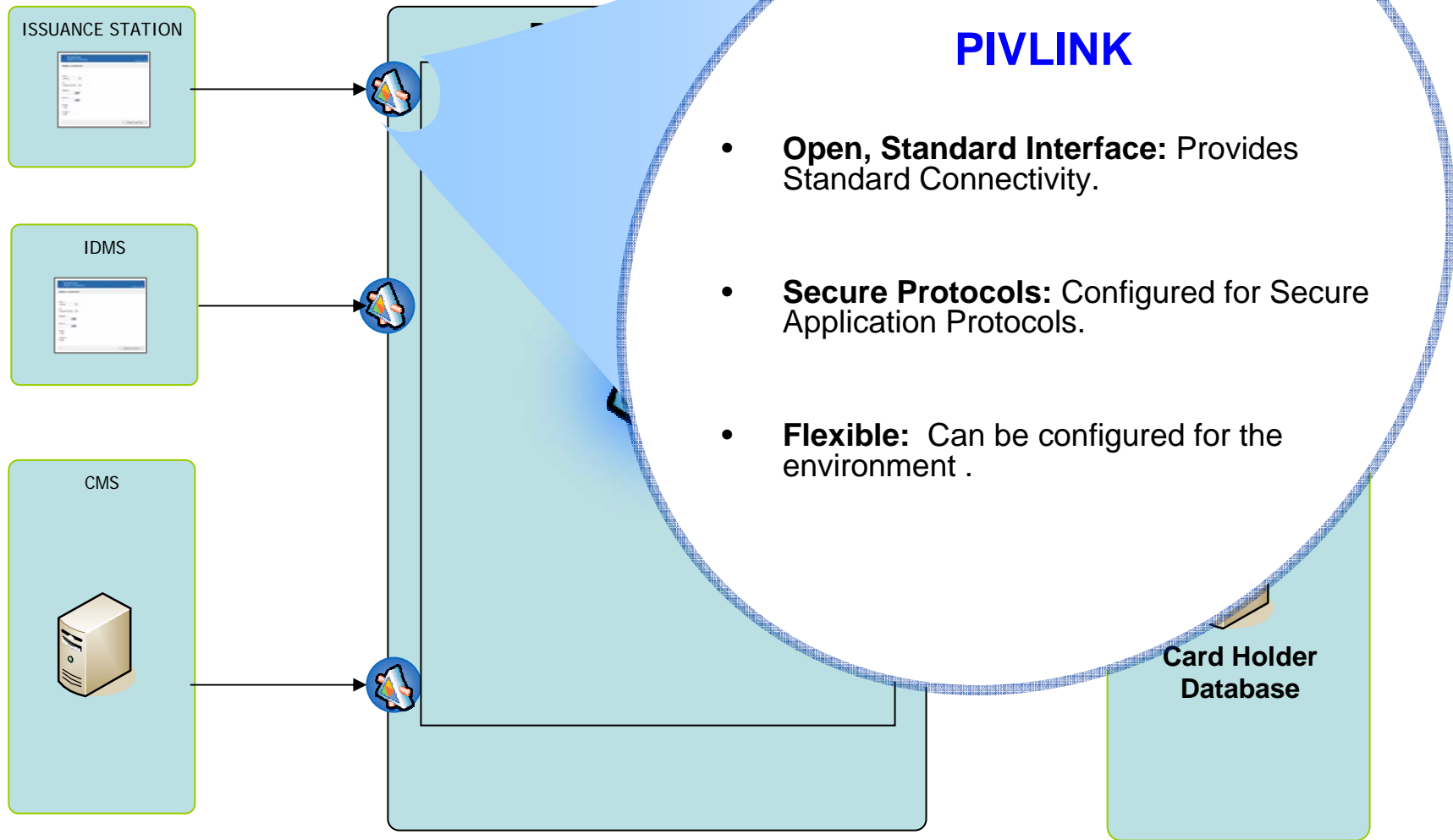
The screenshot shows the web interface for the Department of Homeland Security CardHolder Data System. At the top left is the DHS logo. The title is "Department of Homeland Security CardHolder Data System". Below the title are navigation buttons: "Add", "Log Out", "Post Changes", and "Clear Form". A section titled "Applicant Information" contains the following fields:

- Title/Rank: --Select-- *
- First name: [text input] *
- Last Name: [text input] *
- Middle Name: [text input] *
- Suffix: [text input] *
- Affiliation1: --Select-- *
- Affiliation 2: --Select-- *
- Date of Birth (YYYYMMDD): [text input] *
- Sex: --Select-- *
- Department: DHS *
- Component: --Select-- *
- Office: --Select-- *
- Nationality: US *

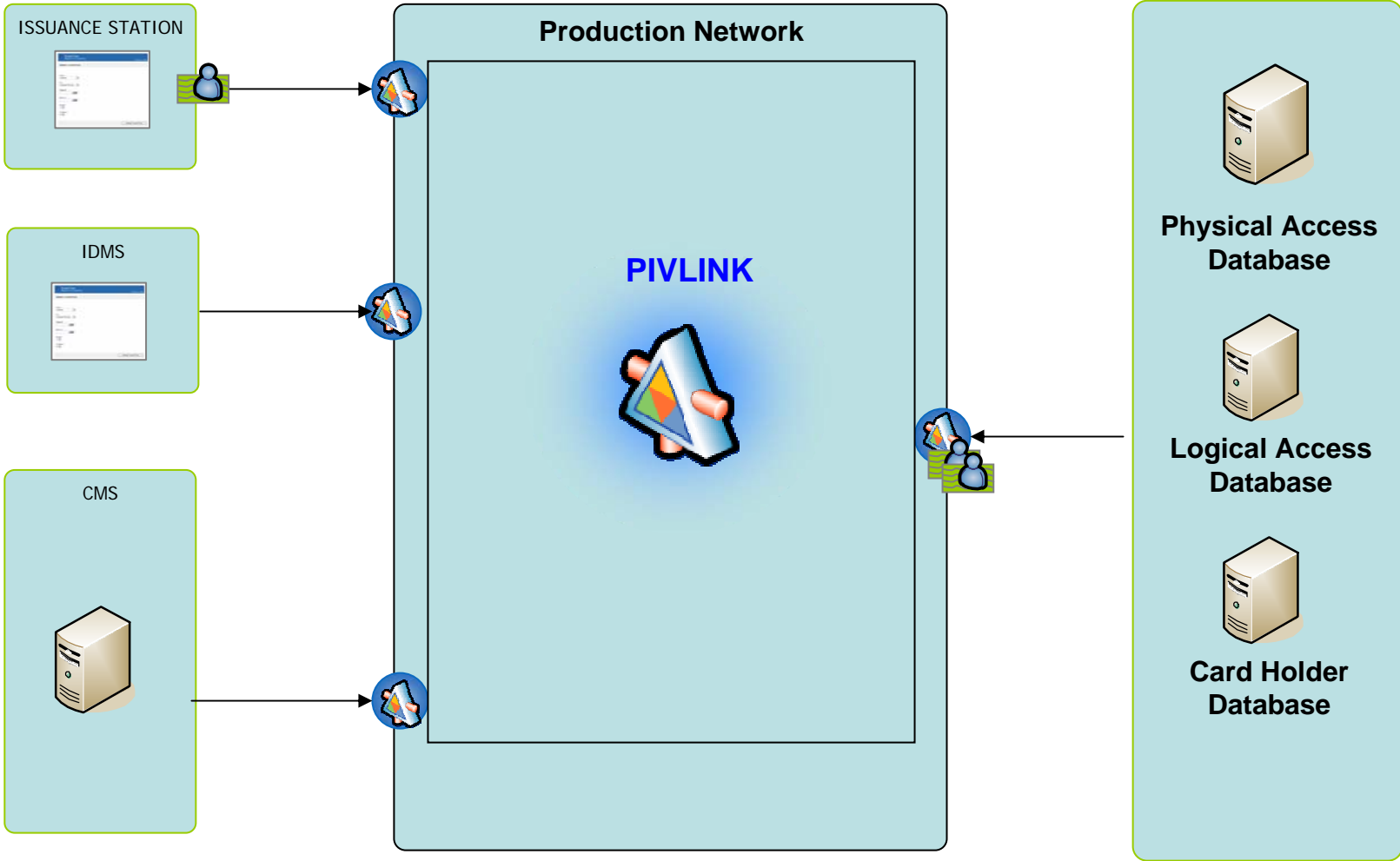


Physical Access Integration - PIVLINK -

Web Services Provided The Ability To Connect Non-Standard Interfaces In An Open and Secure Manner.



Web Services Provided The Ability To Connect Non-Standard Interfaces In An Open and Secure Manner.



Card Issuance

A Card Issuance Station Contains Software and Workflow Steps Necessary To Bind The Applicant To The Token.

GUI View



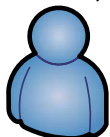
CARD ISSUANCE

U.S. DEPARTMENT OF
HOMELAND SECURITY

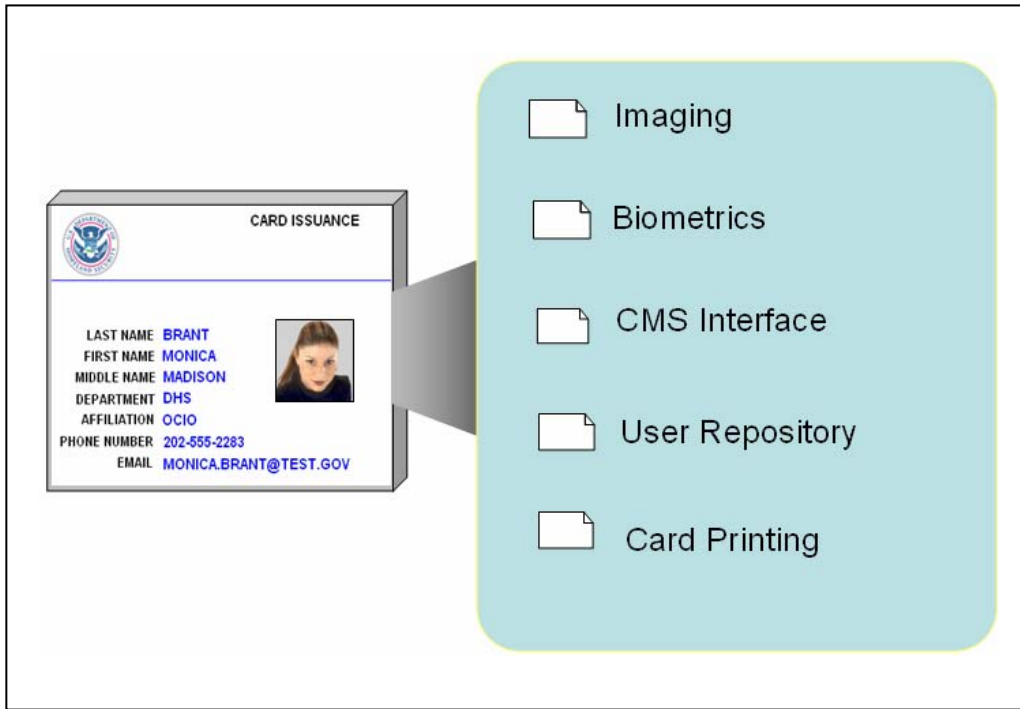
LAST NAME **BRANT**
FIRST NAME **MONICA**
MIDDLE NAME **MADISON**
DEPARTMENT **DHS**
AFFILIATION **OCIO**
PHONE NUMBER **202-555-2283**
EMAIL **MONICA.BRANT@TEST.GOV**

Software View

- Imaging
- Biometrics
- CMS Interface
- User Repository
- Card Printing



DHS Needed Greater Flexibility For Token Issuance.



KEY NEEDS

- Open Standards / Interoperable
- Flexible Work Flow
- Ability To Evolve
- Adaptable for Environment

Booz Allen Developed A Card Issuance System Necessary To Meet Client Needs.

- **Evolution Ability:** Depending and new requirements and business needs, interfaces can be changed as necessary.
- **Customizable Interface:** The User Interfaces can be tailored to the environment and operator.
- **Open Standards:** The Issuance Station is founded on open standards and interoperable, secure protocols.

Booz Allen Card Issuance Station

Department of Homeland Security Identification and Credential Issuing Station [Cycle 2]
Copyright © Booz Allen Hamilton, 2005
This program is protected by U.S. and international copyright laws.



Card Issuance Station

Version 2.0.909.0

2005-08-10 09:13:03 -0400 (Wed, 10 Aug 2005) □

Pre-release build

The Custom Issuance Station Gives Clients The Capability To Define Credential Providers and Work Flow.



KEY FEATURES

- Portable
- Highly Flexible
- Customizable
- Secure By Design

Conclusion

AGENDA

PIV
Pre-Enroll

- **Pre-Enrollment**
 - Background
 - Transactions
 - Data Transmission

PACS
Interface

- **Physical Access Integration - PIVLINK**
 - PACS Integration
 - Open Standards

Card Issuance
Workstation

- **Card Issuance Station**
 - Description
 - Work flow

DHS PIV System Architecture

