



# Departments' of the Army, Navy, & Air Force Exceptional Family Member Program *Goals and Objectives*

## *(EFMP - Forms Based Automation (EFMP))*

- **Improve** EFMP infrastructure, services and program execution by developing and implementing Army-wide process improvements
- **Automate** EFMP manual business processes to enhance the quality of its services to Soldiers and their exceptional Family members
- **Create** an EFMP portal that will allow, EFMP personnel, Soldiers and authorized Family members the autonomy to track and manage documentation required for EFMP related services
- **Build** a web-accessible application that will control and support the following:
  - Documents Management
  - Electronic workflow process
  - Application eligibility assessment
  - Evaluating and applications/forms
- Complete Development in ***Twelve Months***.
- **Keeping** in prospective both the ***Objective*** and ***Key Features*** required by the Military Services

# Section 1

## **SETECS Portal Security : Products and Technologies**



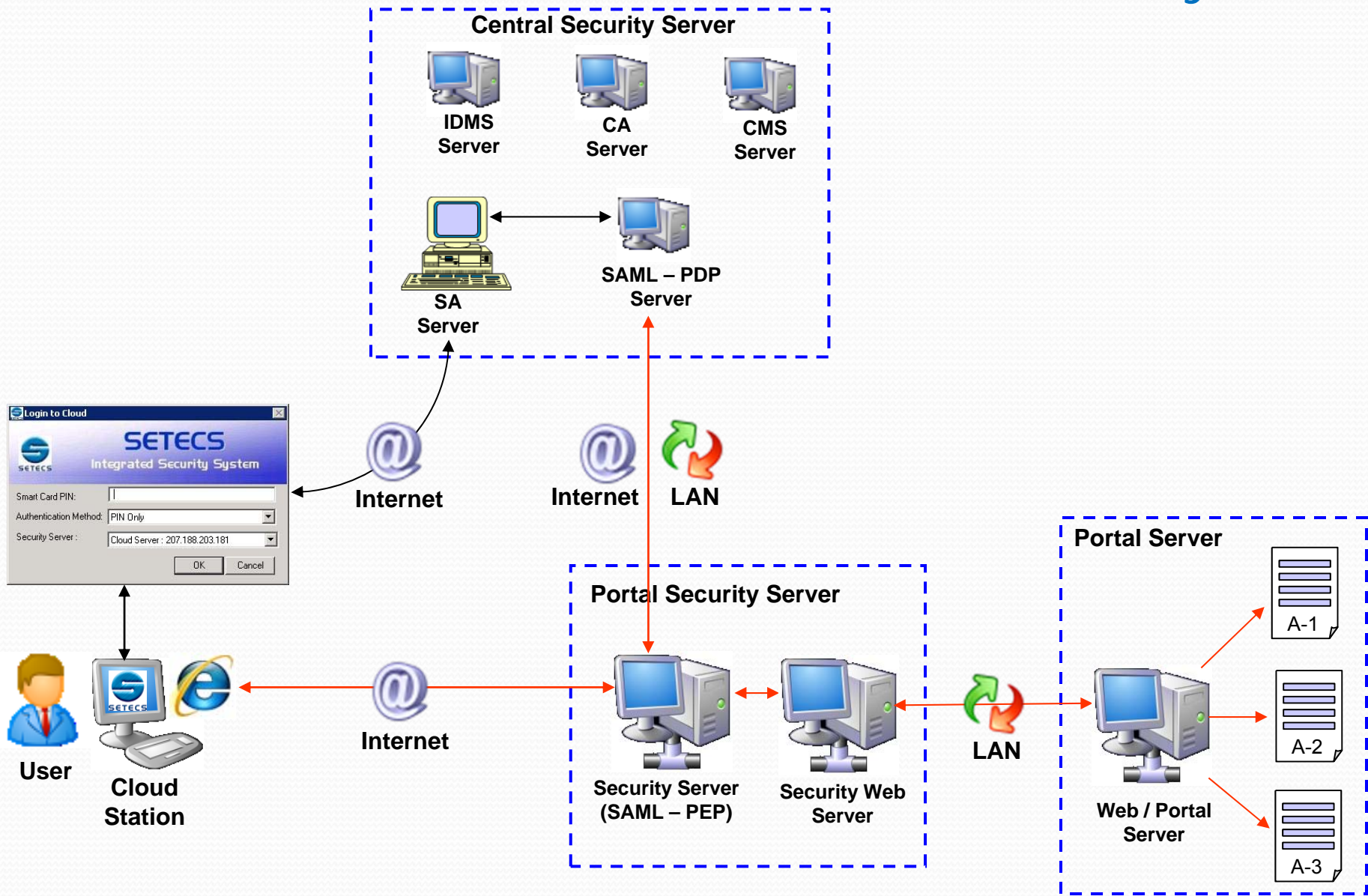
# SETECS<sup>®</sup> Security Products

## Integrated Security System for Portals and Network Environments

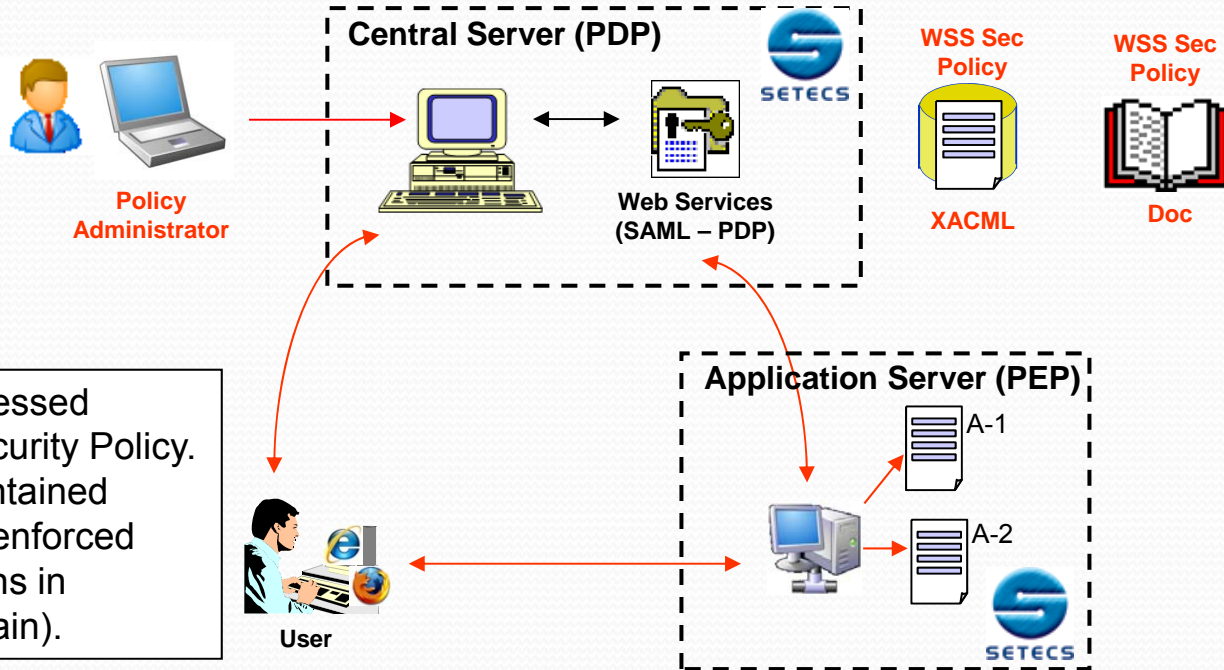
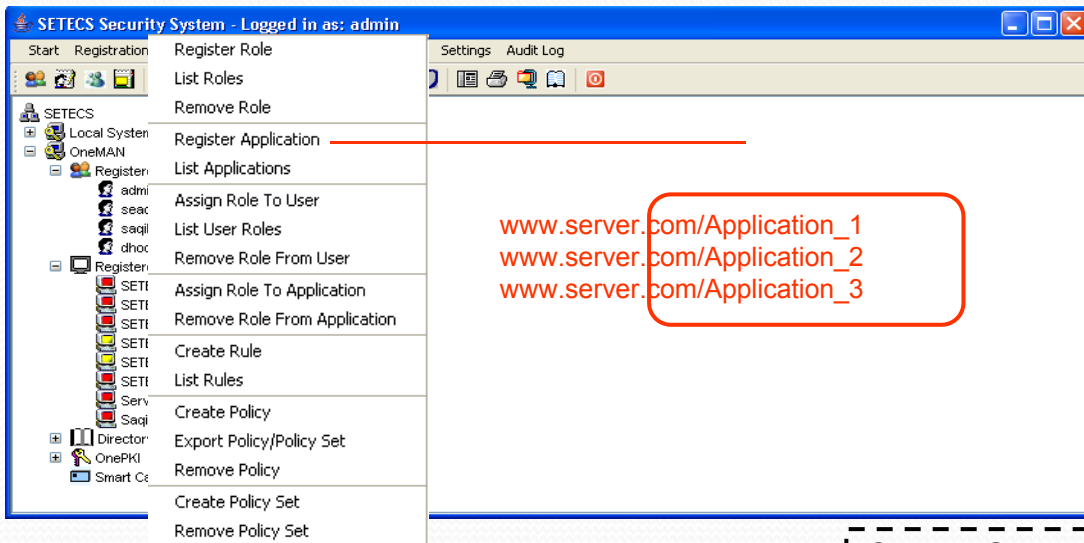
- **OneNET<sup>™</sup>** – Security System for Web Services
- **OnePKI<sup>™</sup>** – Scalable Public Key Infrastructure
- **OneMAN<sup>™</sup>** – ID Management System
- **OneCARD<sup>™</sup>** – Smart Cards Management System
- **OneSDK<sup>™</sup>** – Security Framework for Fixed and Dynamic/Mobile Network Environments
- **OnePhone<sup>™</sup>** – Secure Mobile Applications



# SETECS<sup>®</sup> OneNET<sup>™</sup> Portal Security



# SETECS<sup>®</sup> OneNET<sup>™</sup> RBAC and Authorization



Applications at the Server are accessed selectively, based on the WSS Security Policy. The Policy is established and maintained by the Security Administrator and enforced for all Servers and their Applications in a local environment (security domain).

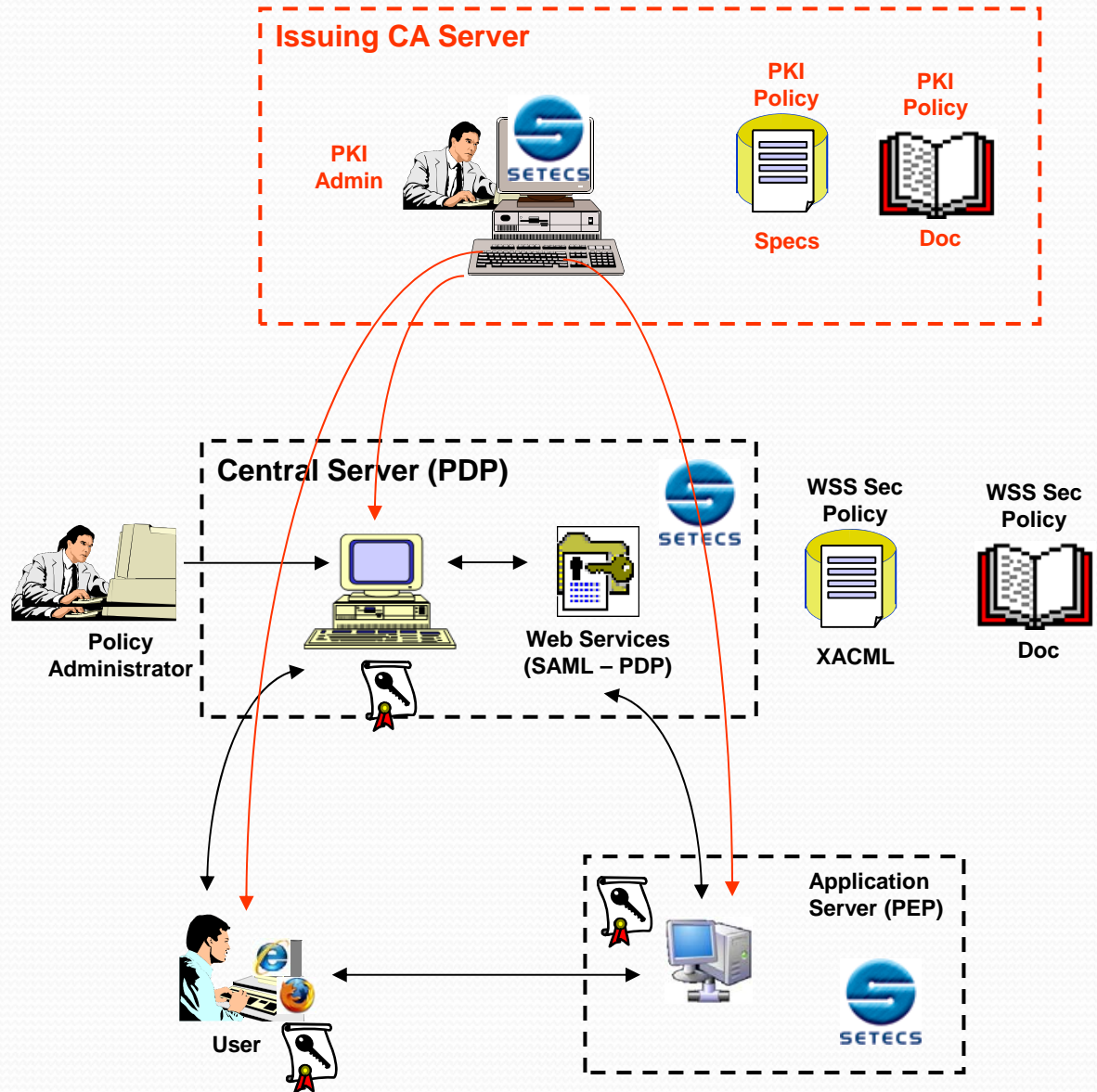


# SETECS<sup>®</sup> OnePKI<sup>™</sup> Certificate Management

Each component in the system has a certificate.

**Users** have three certificates: Authentication, Digital Signature and Key Exchange. **Servers** have two certificates: Authentication and Key Exchange. Certificates are issued to users and servers by a local Certification Authority (Issuing CA). Certificate Protocols are based on PKCS#7 and PKCS#10 standards.

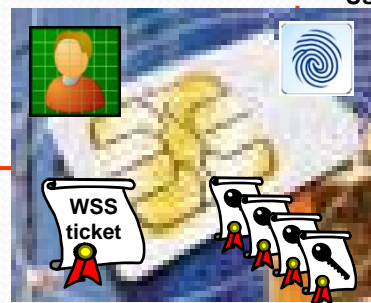
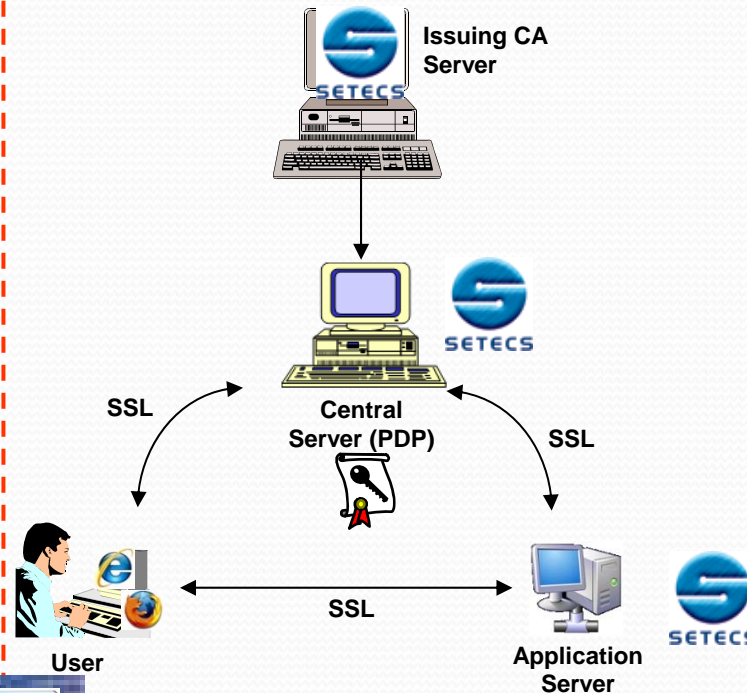
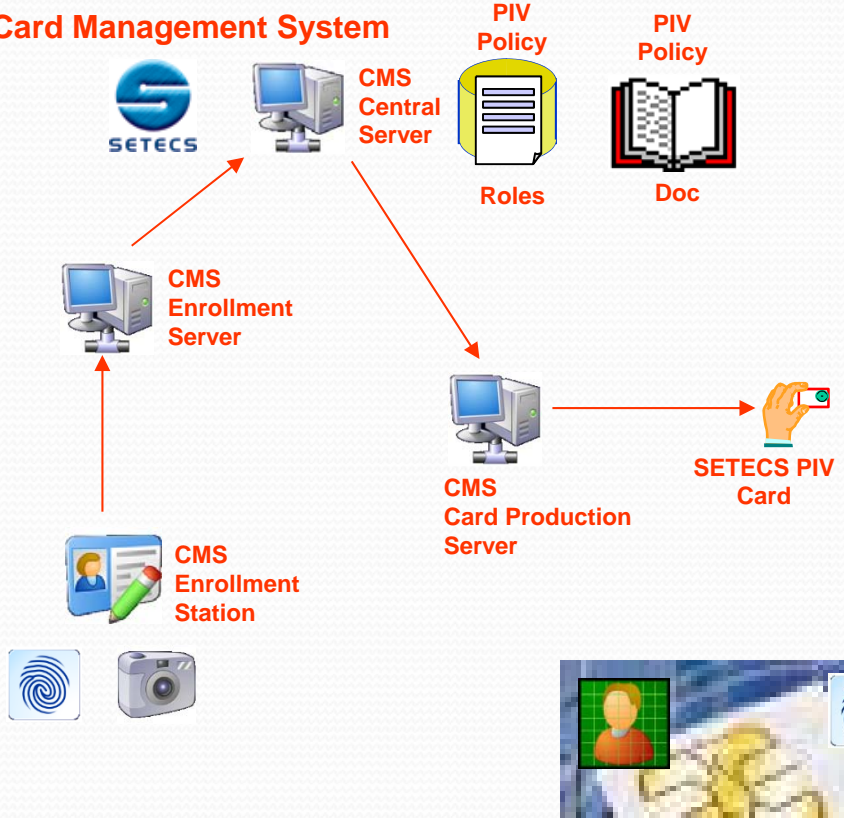
Certificates are used for all security services: user local and remote authentication, signing and enveloping of messages, and non-repudiation.



# SETECS<sup>®</sup> OneCARD<sup>™</sup>

## PIV Management System

### Card Management System



**SETECS OneCARD<sup>™</sup> PIV Card**

Certificates are complemented by smart cards for users and network security administrators. Smart cards are compliant to the FIPS 201 -2 (PIV) standard. SETECS provides Card Management System to issue and manage smart cards and several smart card security applications: local login, signing of messages, etc.

# Section 2

## **SETECS Medical Security: Products and Technologies**





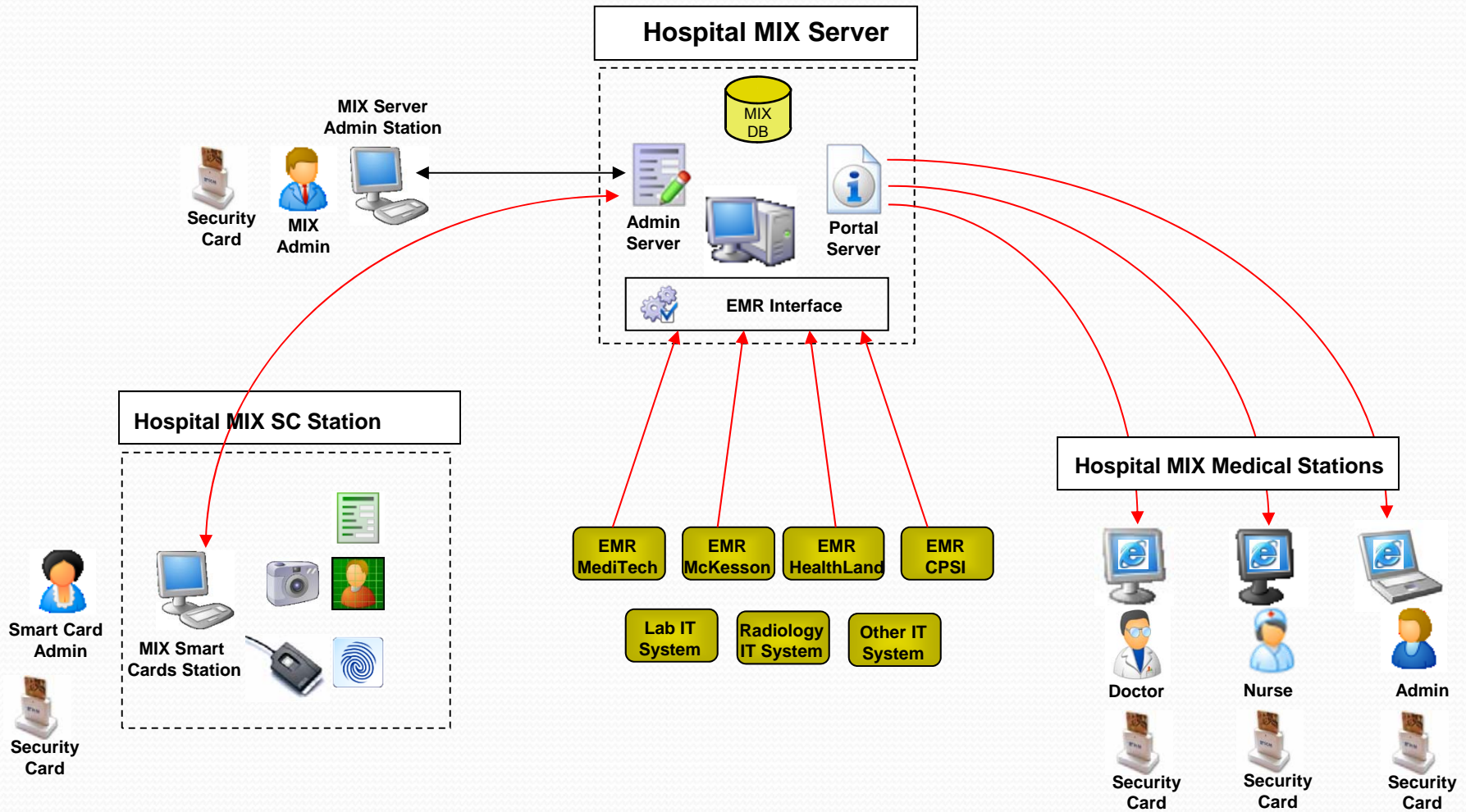
# SETECS<sup>®</sup> MIX<sup>™</sup> System

## Security System and Infrastructure for Medical Information Exchange and Protection

- **Hospital MIX<sup>™</sup> Server – Integration of data and procedures**
- **Hospital MIX<sup>™</sup> Cards System – Station and Server to issue and manage MIX<sup>™</sup> smart cards**
- **Hospital MIX<sup>™</sup> Portal – Web Portal for sharing and distribution of medical data, documents and information**
- **Regional MIX<sup>™</sup> Server – Regional connection between Hospital MIX<sup>™</sup> Servers for data exchange**
- **Global MIX<sup>™</sup> Server – National, top level server for synchronization of Regional MIX<sup>™</sup> Servers**

# SETECS<sup>®</sup> MIX<sup>™</sup> System

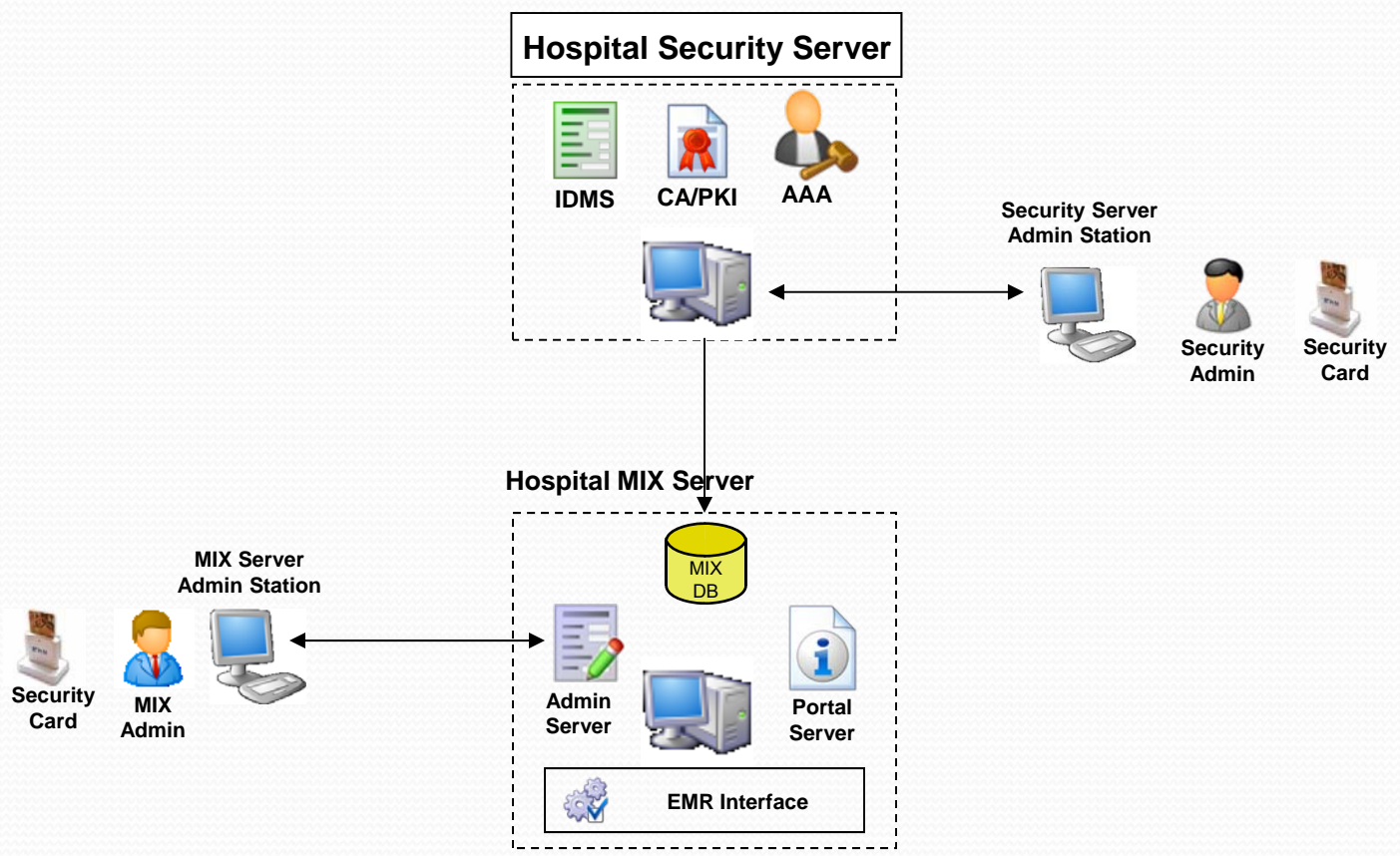
## Hospital MIX<sup>™</sup> Server





# SETECS<sup>®</sup> MIX<sup>™</sup> System

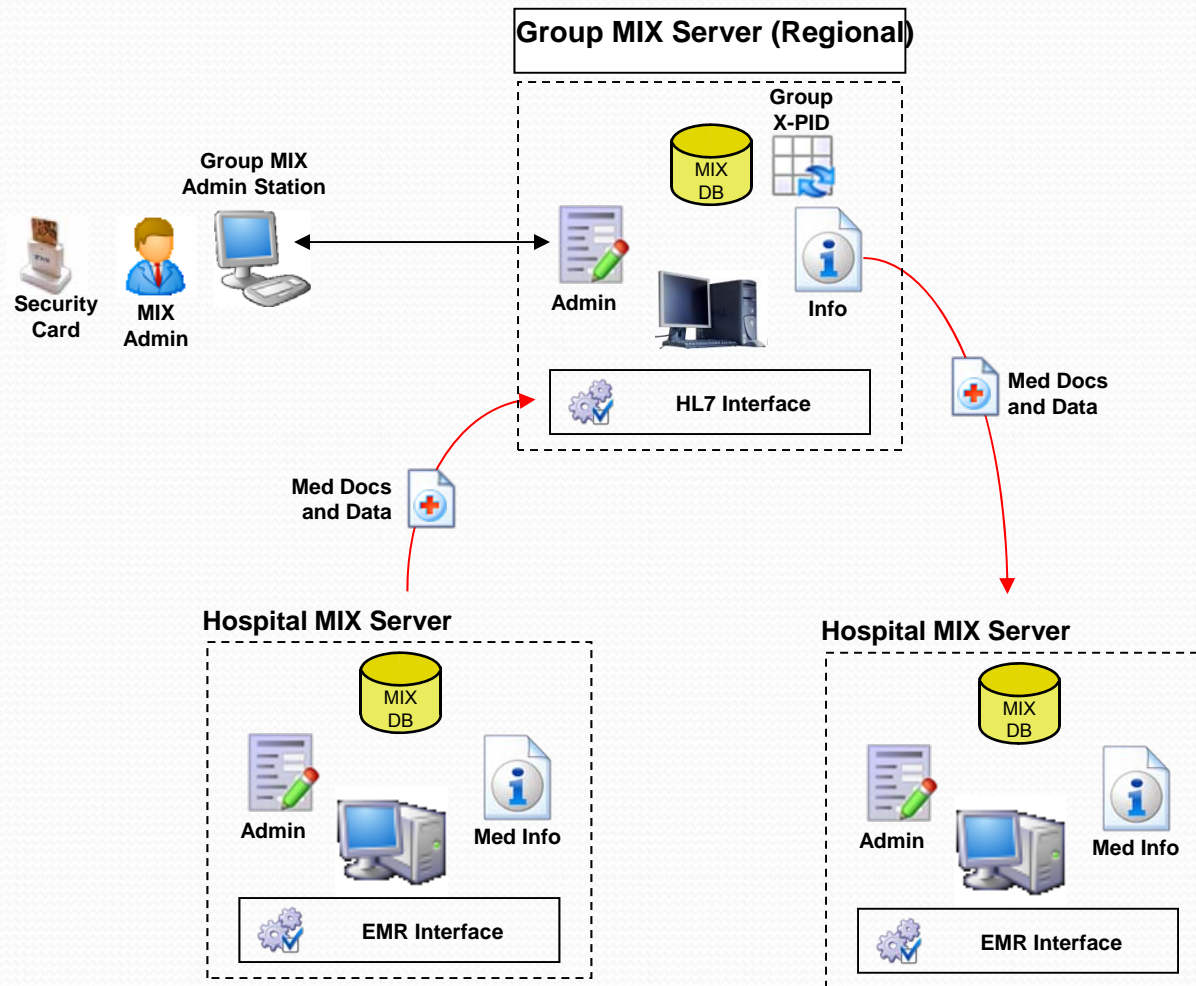
## Hospital Security Server






# SETECS<sup>®</sup> MIX<sup>™</sup> System


## Regional MIX<sup>™</sup> Server



# SETECS<sup>®</sup> MIX<sup>™</sup> System Smart Cards

## SETECS<sup>®</sup> MIX<sup>™</sup> Provider Card



  
**SETECS**


**Affiliation:**  
Contractor


**Agency/Department:**  
SETECS, Inc.

**Issued:**  
2008APR28

**Expires:**  
2009APR29


**SMITH,  
JOHN, M**






## SETECS<sup>®</sup> MIX<sup>™</sup> Patient Card

**Michigan Health Care Network**  
Patient Medical Card







**John Smith**

**MIX Number : 0**

**Issued : 2009-APR-29**





Insurance : CareFirst BlueChoice, Inc.  
Member Services: 800-777-9999

<b>ID</b>	X2C334445555	Group: 9909	ADM: CERT PRE: CERT
-----------	--------------	-------------	------------------------

PCP : Smith, John  
CO-PAY : CD2200 P60 S90 ER400 RX VC

Issuer: UPHCN, Marquette, MI 49855, Tel: (906) 111-2222

# Section 3

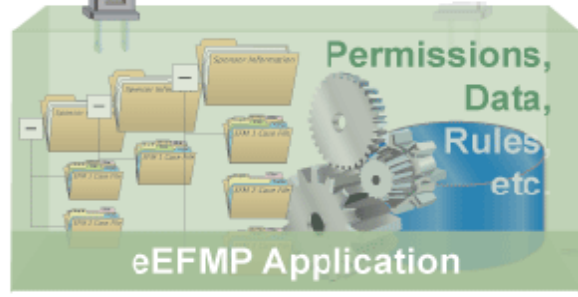
## **eEFMP System Description based on SETECS Products**



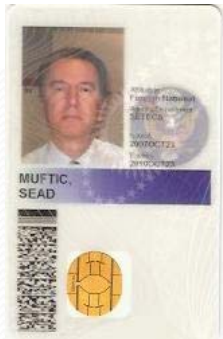
# EFMP System

## AUTHENTICATION USING CAC / MIX SMART CARDS

EFMP Manager/Specialist



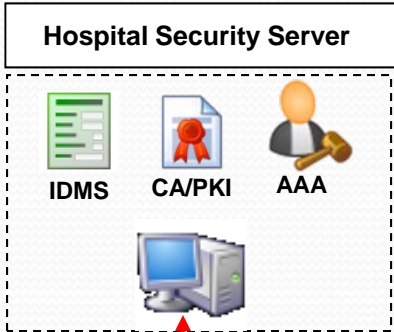
SAML Ticket



User name / password method will be replaced with CAC or MIX card login, using PIV Authentication and Single Sign-on (SSO) protocol.

# EFMP System

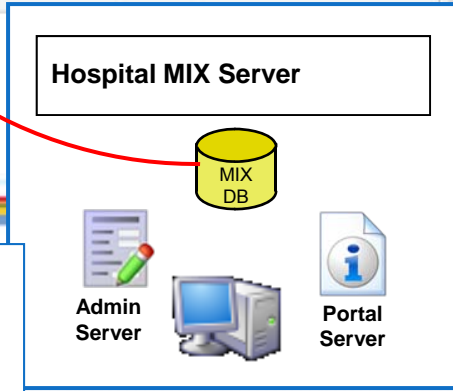
## MANAGEMENT PORTAL VIEW



EFM Name	Rank	Sponsor Name	Med	Ed	SNAP	Respite	DOB-Age	3 yr Suspense	Alerts	Assigned To
Johnny Anderson	Sgt	Joseph M Anderson Jr	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	01-15-2003 - 8	01-01-2012		~Nav/Spec~
Mattie Anderson	Sgt	Joseph M Anderson Jr	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	07-04-2007 - 4	04-09-2013		~Nav/Spec~
Samuel Brochhaus	Sgt	Andrea Johnson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10-28-2001 - 9	11-12-2013		~Nav/Spec~
Jose Martinez	Major	Eduardo Martinez	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	08-05-2006 - 6	12-15-2011		~Nav/Spec~
Li Nguyen	Lt Major	Alan Nguyen	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	01-12-2009 - 2	06-10-2013		~Nav/Spec~



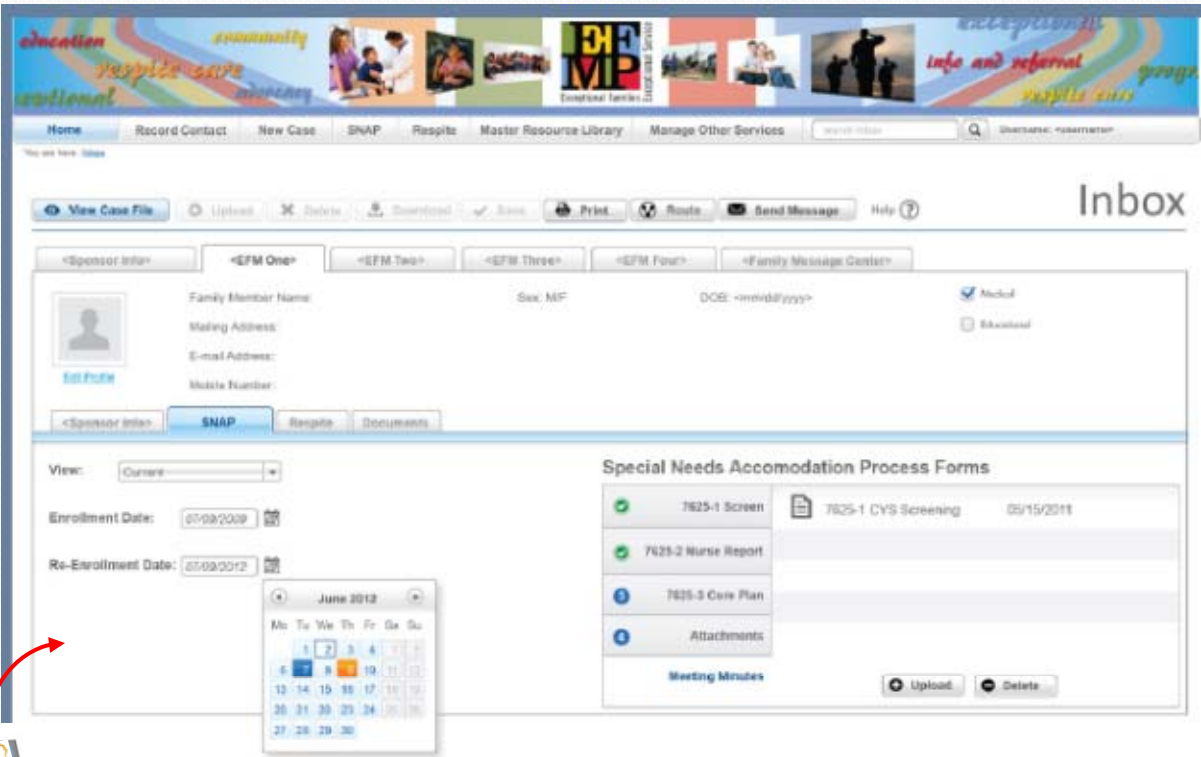
After login the role of the person will be determined using RBAC policy. If he/she is a manager or specialist, Portal will display Management View. Database of the Hospital MIX™ Server will provide data for the Web interface.





# EFMP System

## ROLE BASED ACCESS CONTROL



System Manager



Specialists



Users

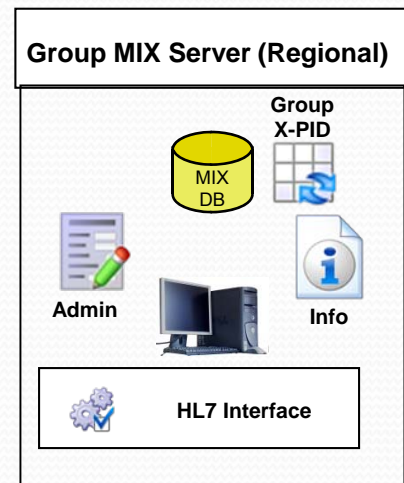


Role-based access will be simple: Each tab on the Portal's panel will be declared as system resource (target). There will be three roles in the system: **managers** (system administrators), **specialists** (medical providers), and **users**



# EFMP System MANAGING FORMS

Enrollment	Form #	Format	Name	Status	Proponent	Accessibility	Actionable Options
OCNUS Screening	DD 2792	.pdf	Family Member Medical Summary	DOD Approved	MEDCOM	All, Admin	Options
Respite Care	DD 2792-1	.pdf	Special Education / Early Intervention Summary	DOD Approved, Pilot Form	MEDCOM	All, Admin	Options: Email Form, Route Form, Request Revision, Request Approval




The system will also manage forms and documents. They will be handled in the standard CCD format. Central repository of all forms will be either Regional or National MIX server. Forms will be encrypted and signed.

# EFMP System

## AUTHENTICATION USING CAC / MIX SMART CARDS



 Soldiers will use CAC and MIX™ cards to log into the system.





# EFMP System

## DASHBOARD / HOME PAGE FOR SOLDIERS

The screenshot shows the 'My eEFMP' dashboard. At the top, there are navigation tabs: My eEFMP, Family Dashboard, Enrolee Information, Resource Library, and Message Center. Below this is a toolbar with icons for View, Upload, Delete, Download, Save, Print, Route, and Send Message. The main content area is titled 'My Family Dashboard' and includes a dropdown for 'View for past Assignments: Ft Carson'. It features a table of 'Enrolees' and a 'Request Information / Support' section.

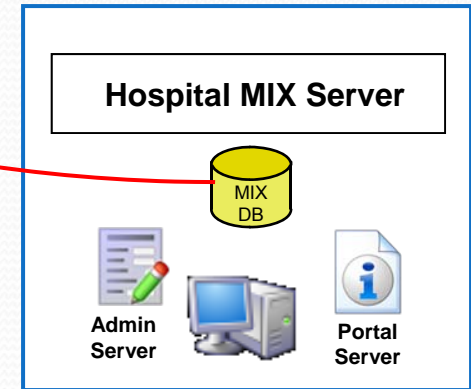
Enrolees	Age	Medical	Educational	SNAP	Respite	Other
<input type="checkbox"/> Family Member One	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> Family Member Two	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Family Member Three	7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Family Member Four	11	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

The 'Request Information / Support' section includes a list of services with checkboxes: ECHO, Education, Relocation/Housing, Advocacy, IEP Support, Financial Support, and Recreation. A 'Request Information' button is located at the bottom right of this section.

Below the table is the 'Sponsor Information' section, which is divided into 'Contact Information' and 'Military Information'.



After login the role of the person will be determined using RBAC policy. If he/she is a soldier, Dashboard / Home Page for soldiers will be displayed. Database of the Hospital MIX™ Server will provide data for the Web interface.

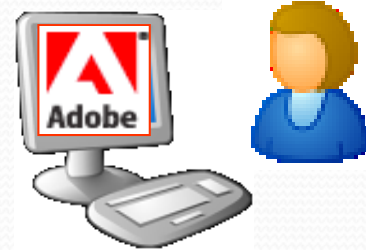




# EFMP System

## HANDLING AND PROTECTION OF FORMS

ARMY CHILD AND YOUTH SERVICES HEALTH SCREENING TOOL		
For use of this form, see AR 606-75, the proponent agency is GAGDM.		
PRIVACY ACT STATEMENT		
<b>AUTHORITY:</b>	10 U.S.C. 2013, Secretary of the Army; 28 U.S.C. 796, Nondelegation Under Federal Grants and Programs; DoEO 1342.17 Family Policy; AR 606-75, Exceptional Family Member Program; AR 606-93, Child Development Services.	
<b>PRINCIPAL PURPOSE:</b>	Information will be used to assist Army activities in their responsibilities in overall execution of the Army's Exceptional Family Member Program (EFMP) and the Army Child and Youth Services Program.	
<b>ROUTINE USES:</b>	The DoD "Standard Routine Uses" that appear at the beginning of the Army's compilation of systems of records apply to this system.	
<b>DISCLOSURE:</b>	Disclosure of requested information is voluntary. However, if information is not provided individual may not be able to participate in Army Child and Youth Services Program.	
Part A - General Information		
1. Child's Name	2. Date of birth (YYYYMMDD)	
3. Family member prefix		
4. Type of placement requested	5. Date (YYYYMMDD)	
6. Sponsor name		
7. Spouse name		
8. Home phone	9. Duty phone	10. Cell phone
Part B - Identification of Child/Youth Condition/Restrictions		
Child has any of the following conditions/restrictions. (C)heck yes or no.		
1. Allergies		
<input type="checkbox"/> No	<input type="checkbox"/> Yes (explain)	
a. Life threatening reaction		
<input type="checkbox"/> No	<input type="checkbox"/> Yes (explain)	
b. Epi-pen required		
<input type="checkbox"/> No	<input type="checkbox"/> Yes	
c. Other allergic reactions (hives, rash, diarrhea)		
<input type="checkbox"/> No	<input type="checkbox"/> Yes	
2. Asthma (reactive airway disease)		
<input type="checkbox"/> No	<input type="checkbox"/> Yes (explain)	
a. Triggers exist for child's asthma attacks (stress, environmental, exercise)		
<input type="checkbox"/> No	<input type="checkbox"/> Yes (explain)	
b. Child routinely (greater than 10 days per month/four months per year) uses inhaled anti-inflammatory agent or bronchodilator		
<input type="checkbox"/> No	<input type="checkbox"/> Yes (explain)	



PIV Middleware



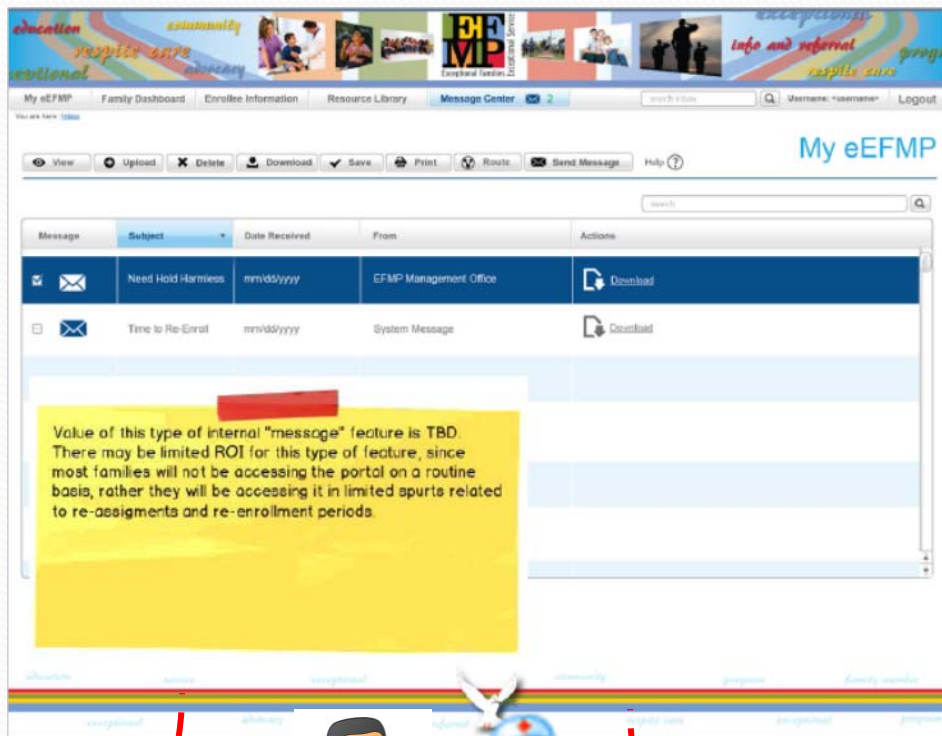
CAC or MIX Smart Card



The system will provide use / handling of forms. Forms will be digitally signed, using CAC or MIX™ smart cards and SETECS PIV Middleware.

# EFMP System

## MESSAGE CENTER (MOBILE TECHNOLOGIES)



Specialists



The system will distribute information, alert and any other messages to mobile phones.