



F e d e r a t i n g T r u s t
S e r v i c e s : **N I H**
iT r u s t

P e t e r A l t e r m a n , P h . D .

N a t i o n a l I n s t i t u t e s o f
H e a l t h



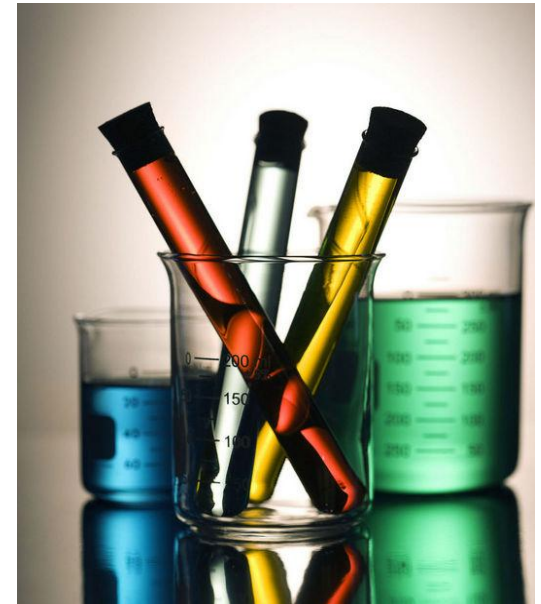
A b o u t N I H

- A n O p e r a t i n g
D i v i s i o n o f t h e
U . S .
D e p a r t m e n t o f
H e a l t h & H u m a n
S e r v i c e s
- P r i m a r y F e d e r a l
a g e n c y f o r
c o n d u c t i n g a n d
s u p p o r t i n g
b i o m e d i c a l a n d
b i o b e h a v i o r a l
r e s e a r c h

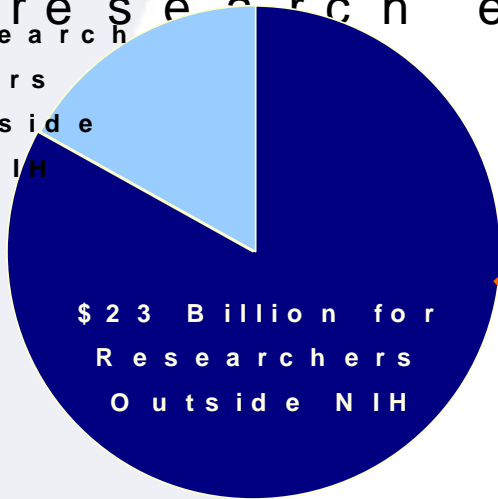


External Users

- NIH provides financial support to researchers around the world.
- NIH invests over \$28 billion in medical research each year.



\$5 Billion
for
Research
ers
Inside
NIH



83% goes to almost 50,000 competitive grants that support over 325,000 researchers outside of NIH.

NIH *iTrust*

- Multifunction e - authentication service consisting of:
 - **NIH Login** , links internal users to internal and departmental applications
 - **Federated Authentication Service** , links external users to internal and departmental



NIH Login

- *In production since 2003*
- *Over 35,000 NIH users, 238 applications, 450 URLs*
- *Over 1.2 million transactions per day*
- *Single Sign-On (SSO) including use of personal identity verification (PIV) cards*

NIH Login

User Name:

Password: [Change Password](#)

OR

Insert your PIV card into your smart card reader before attempting to login.

For assistance, read the instructions for [using smart cards and certificates with NIH Login \(PDF, 21 pages, 726 KB\)](#).

Log in

Warning Notice

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

All information on this computer system may be intercepted, recorded, read, copied, and disclosed by and to authorized personnel for official purposes, including criminal investigations. Such information includes sensitive data encrypted to comply with confidentiality and privacy requirements. Access or use of this computer system by any person, whether authorized or unauthorized, constitutes consent to these terms. There is no right of privacy in this system.



F e d e r a t e d A u t h e n t i c a t i o n S e r v i c e

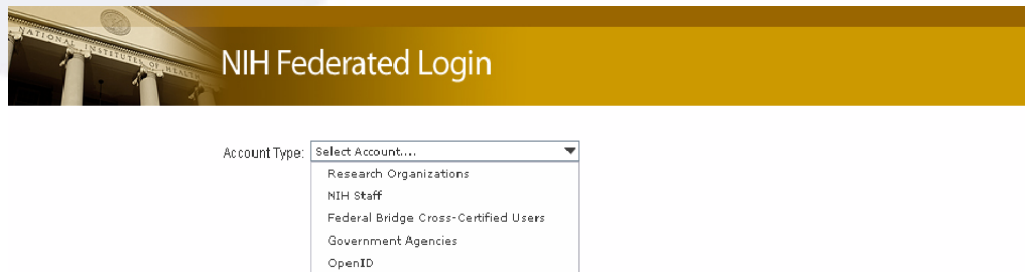
- L e v e r a g e s e x i s t i n g c r e d e n t i a l s
- E x p a n d e d s u p p o r t f o r u p t o 5 5 , 0 0 0 i n t e r n a l a n d 1 m i l l i o n e x t e r n a l u s e r s :

- G r a n t s a n d r e s e a r c h a c t i v i t i e s (w i k i s , S h a r e P o i n t , G r i d s , e l e c t r o n i c R e s e a r c h A d m i n i s t r a t i o n)

- L i b r a r y s e r v i c e s

- A c q u i s i t i o n s e r v i c e s

- C r o s s - a g e n c y , g o v e r n m e n t - w i d e



Warning Notice

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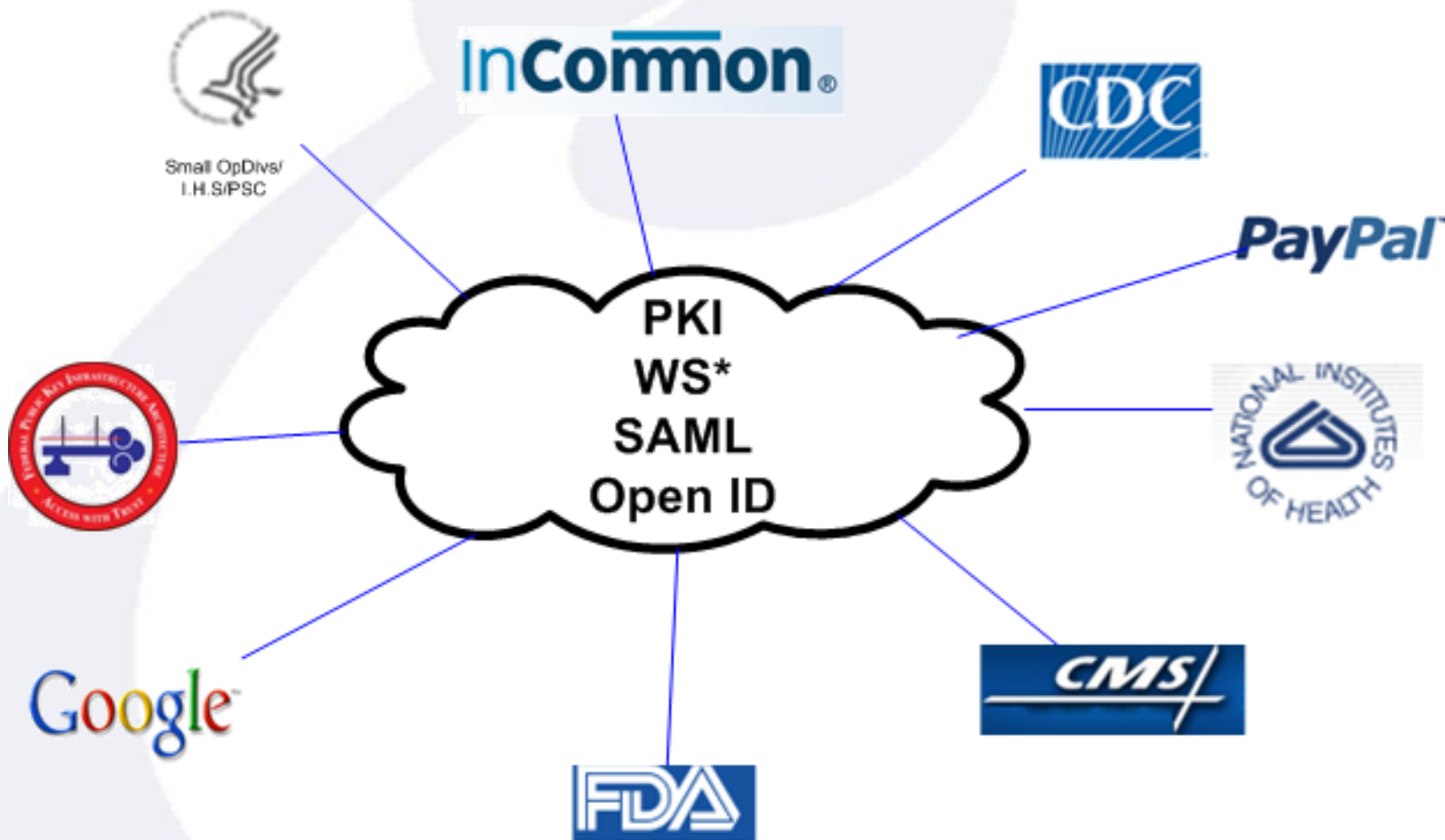


Federated Authentication Partners

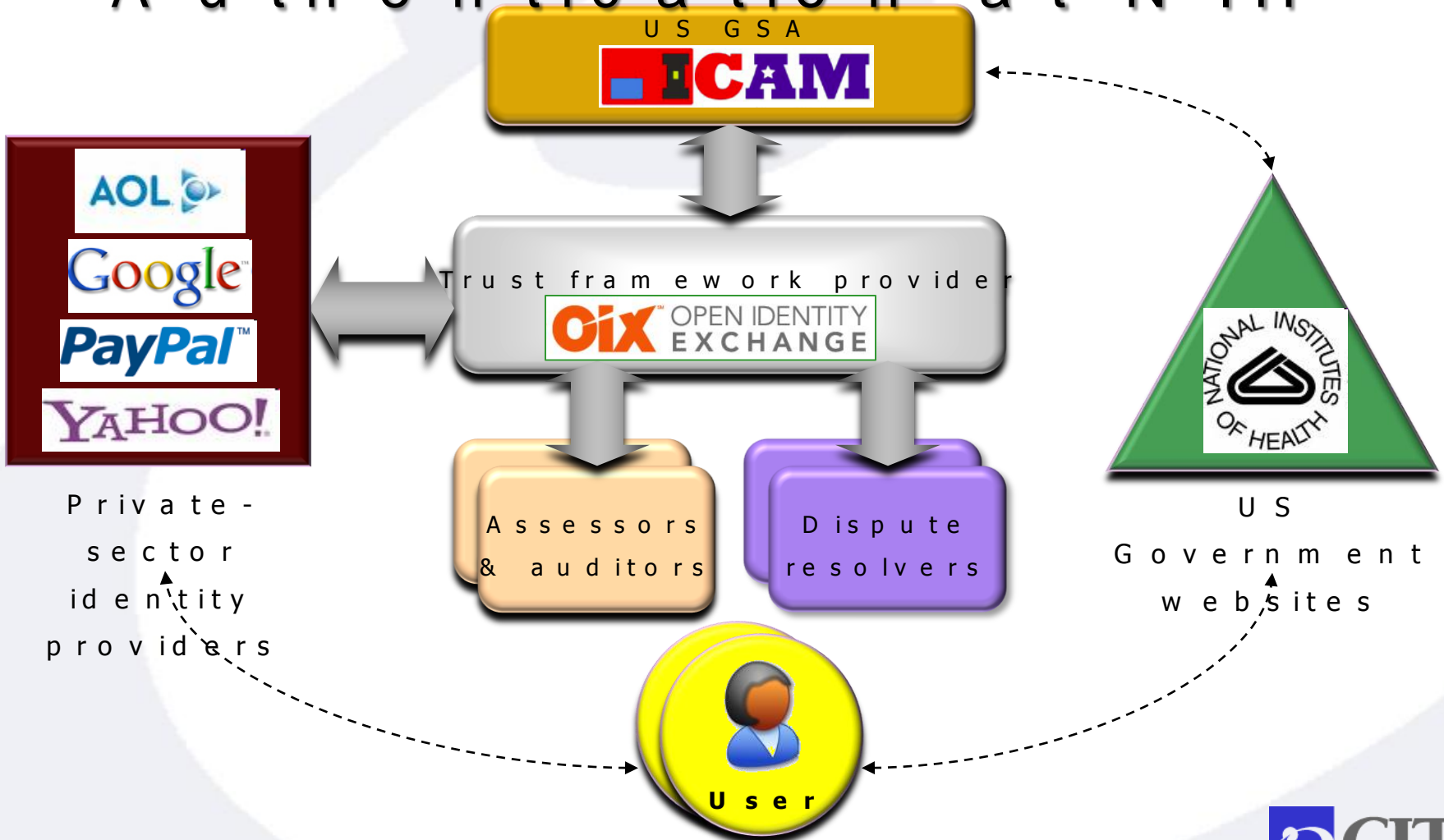
- **G o v e r n m e n t D e p a r t m e n t s a n d A g e n c i e s**
- **I n C o m m o n F e d e r a t i o n** – identity and access management federation for the higher education and research communities; 25 major universities access NIH resources through In C o m m o n .
- **O p e n I D a n d I n f o r m a t i o n C a r d F o u n d a t i o n s** are working with industry leaders such as AOL, Equifax, Google, PayPal,



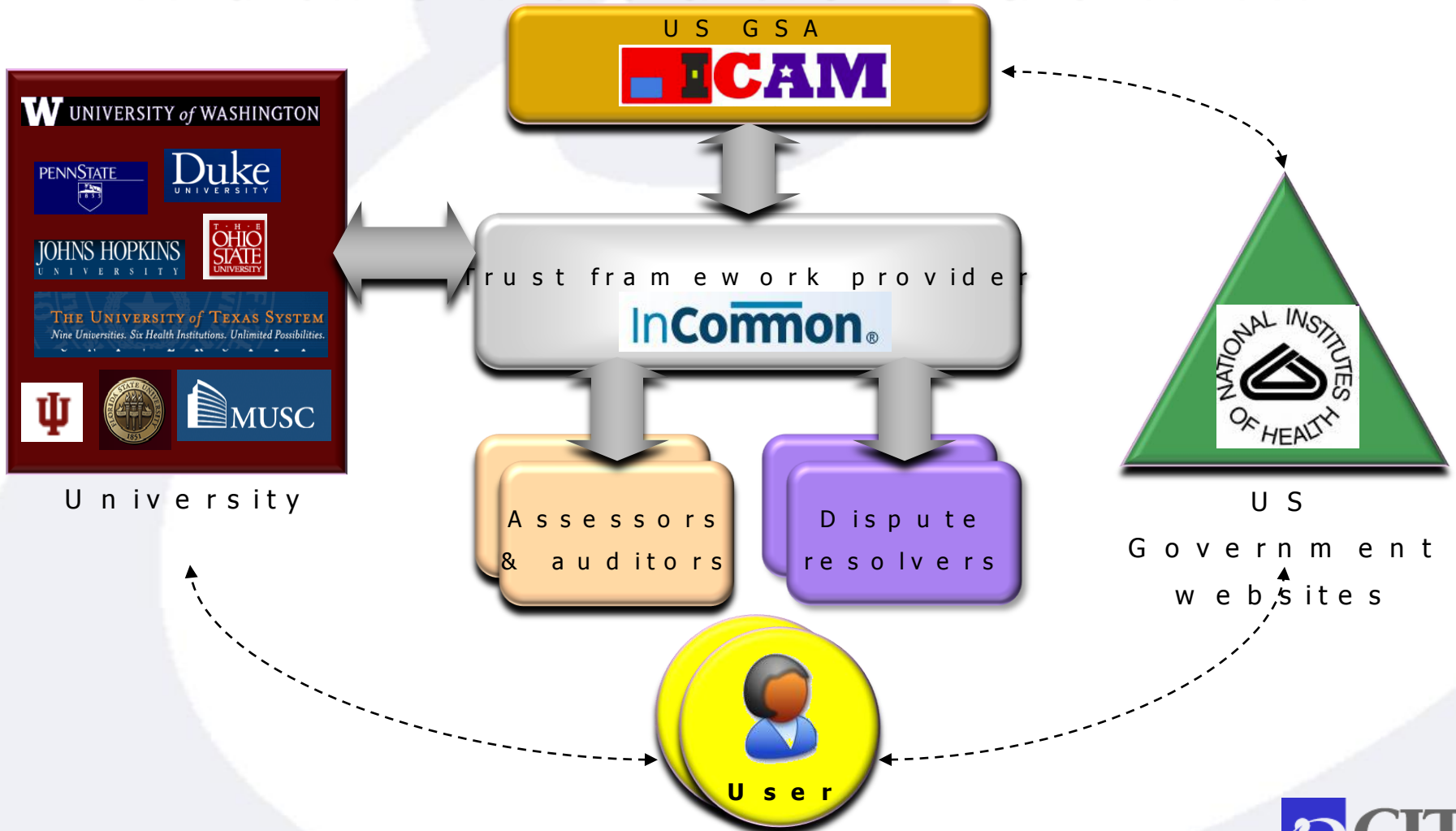
F e d e r a t e d V i e w



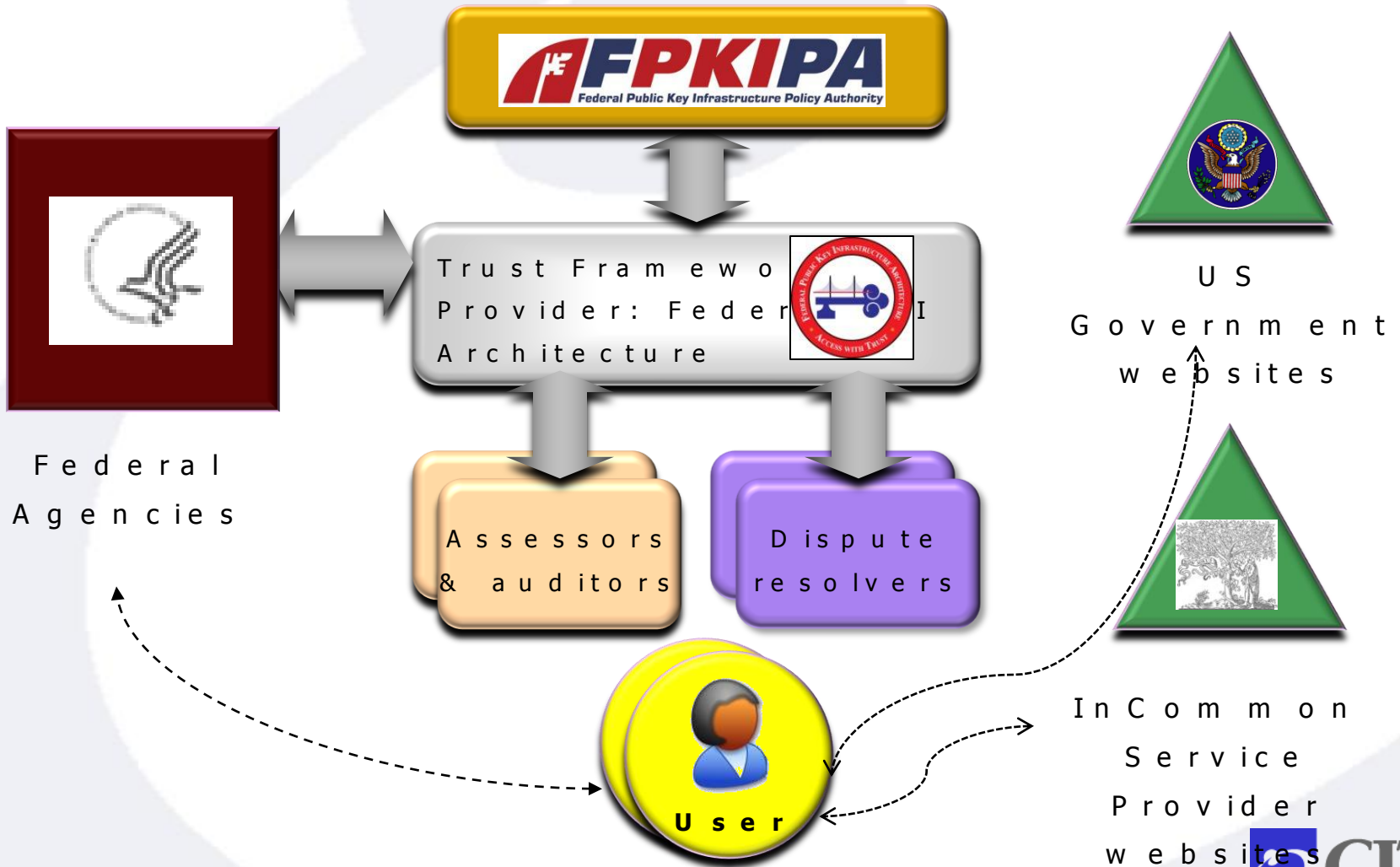
Federated Authentication at NIH



Federated Authentication at NIH



F e d e r a t e d A u t h e n t i c a t i o n a t N I H



Key Points

- Alignment with Federal Identity, Credential and Access Management's Identity Management reference segment architecture
- Integration with HHS Operating Divisions and other Departments and Agencies
- Promotes both interoperability and standards
- Meets the needs of researchers and clinicians



Key Points Continued

Major integration projects underway:

- NIH eVIP (Electronic Vendor Invoicing Program)
 - Over 30,000 users and 7,000 vendors
- NIH eRA (Electronic Research Administration)
 - Over 100,000 researchers and 9,500 institutions worldwide
- Federal Health Care Reform Monitoring and Management
- U S Army / Ft. Detrick bioterrorism



F o r F u r t h e r I n f o r m a t i o n

N I H I n t e g r a t i o n S e r v i c e s C e n t e r

NIHISCsupport@mail.nih.gov