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Brief to:

***National Committee on Vital and Health Statistics
(NCVHS)***

***National Health Information Infrastructure (NHII)
Workgroup***

5 January 2005

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Agenda



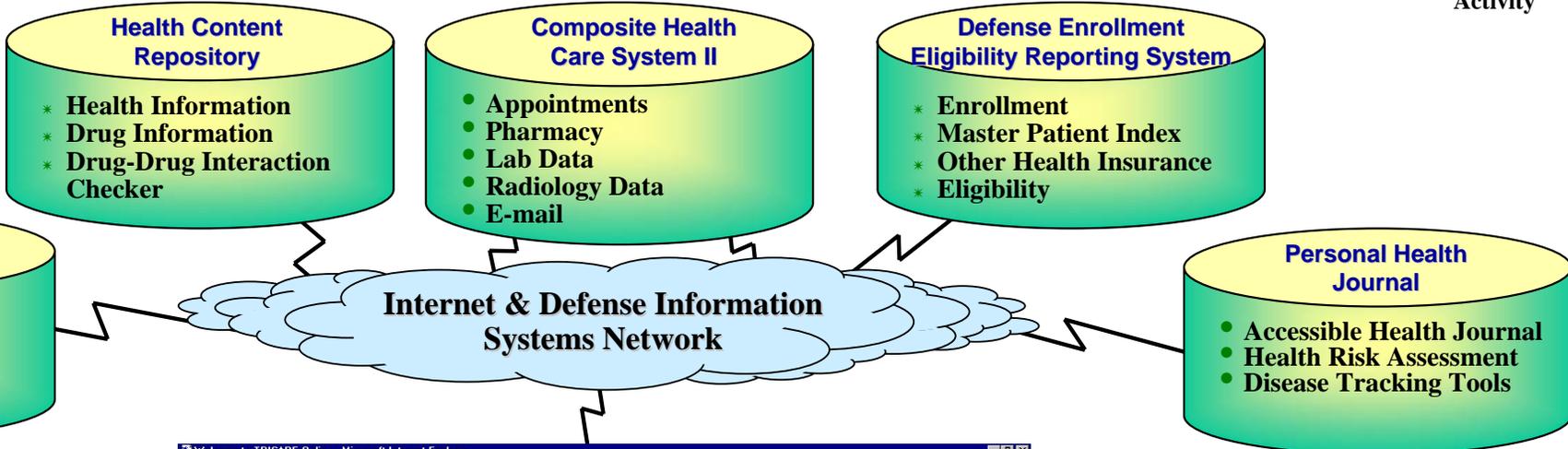
- **eHealth Operational Vision**
- **www.tricareonline.com**
 - **Operational View**
 - **Current Functional Overview**
 - **Web-Appointing**
 - **Functional Vision**
 - **Providers – Clinical Desktop**
 - **Beneficiaries – Personal Health Record**
- **Collaboration Activities**
 - **User Feedback**
- **Conclusions**



TRICARE Management Activity

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High-Level Operational View (OV-1) Secure Portal to MHS Resources and Services



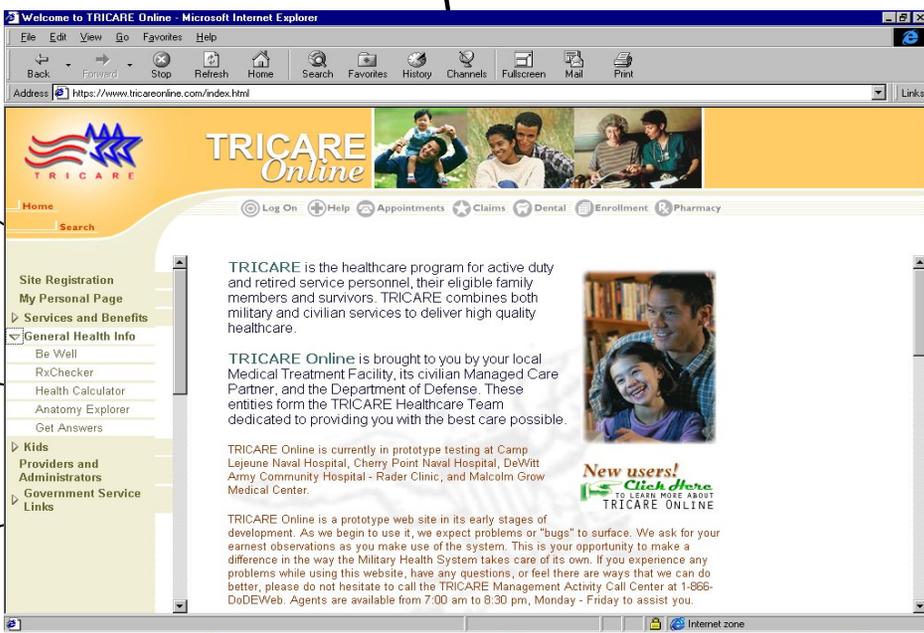
Providers



Patients



Managers



Deployed Forces



MTFs



Federal / Purchased Care



Integrating New & Existing eHealth Innovations

Current State



Web Based Enrollment

Virtual Conferencing



Learning Management
Access to Patient Health Record

Pharmacy Refill

Online Appointing

Personal Health Journal
TOPP



Provider Webpages

Routine Test Request

Patient - Provider Secure Email

Drug Renewal Request

TRICARE Dental Information

Secure Provider Access to CHCS

Access to CHCSII

Pharmacy Information



Health Affairs

www.tricare.osd.mil



Directions to MTF

MTF Webpages
TRO North
TRO South
TRO West

Health Content



Palmetto GBA

Telehealth

Health Information Prescriptions

Navy HEAR

Air Force HEAR

Army HEAR

Provider - Provider TRICARE Retiree Secure Email

Entitlement Information
Dental Program

Claims Information

Pre / Post Deployment Surveys



HIPAA



MHS Secure eHealth Portal

Operational Vision:

MHS IM/IT Program

Health Content

Claims Information

Deployment

Palmetto GBA

TRICARE

TRICARE Management Activity

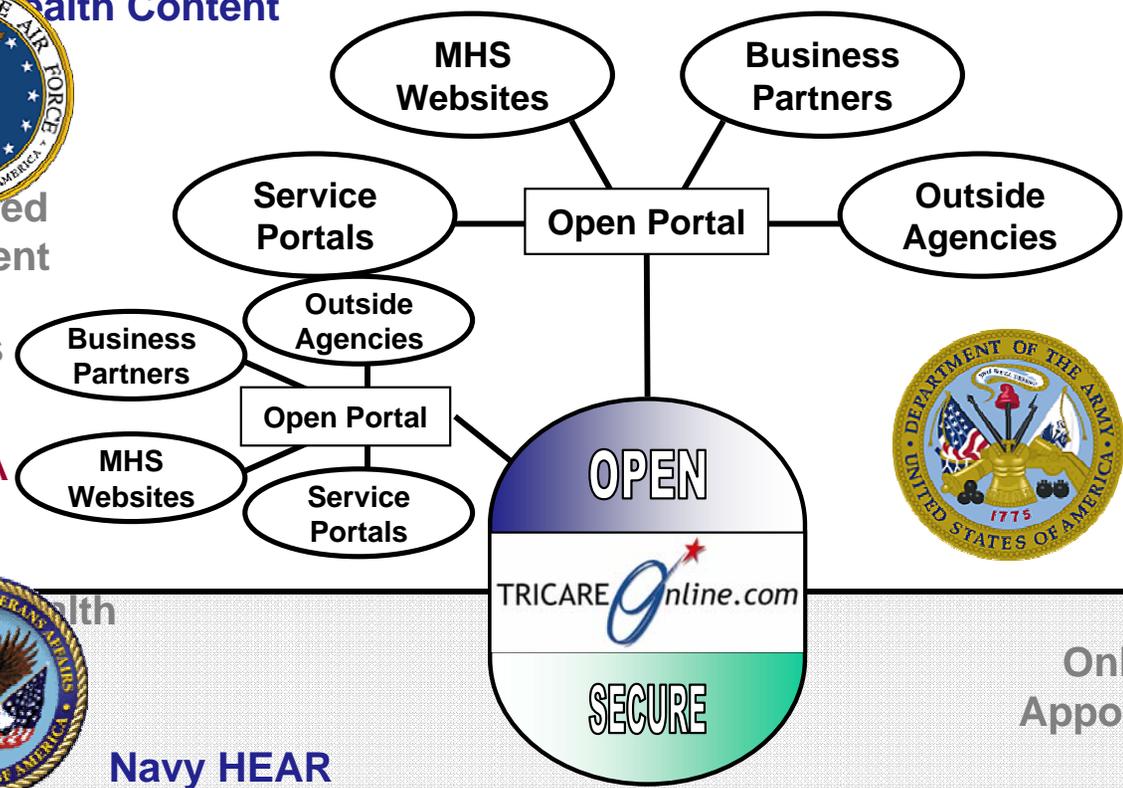
NLM

Health Net

Entitlement Information

TRICARE Retiree Dental Program

Accessions to MTF



TRICARE Management Activity

TRIVEST HEALTHCARE ALLIANCE

MyHealtheVet

HUMANA. Military Healthcare Services

Department of Defense

Virtual Conferencing

Patient Health Record

Learning Management

Pharmacy Refill

Journal

Provider Webpages

TOPP

Routine Test Request

Patient – Provider Secure Email

Drug Renewal Request

TRICARE Dental Information

Army HEAR

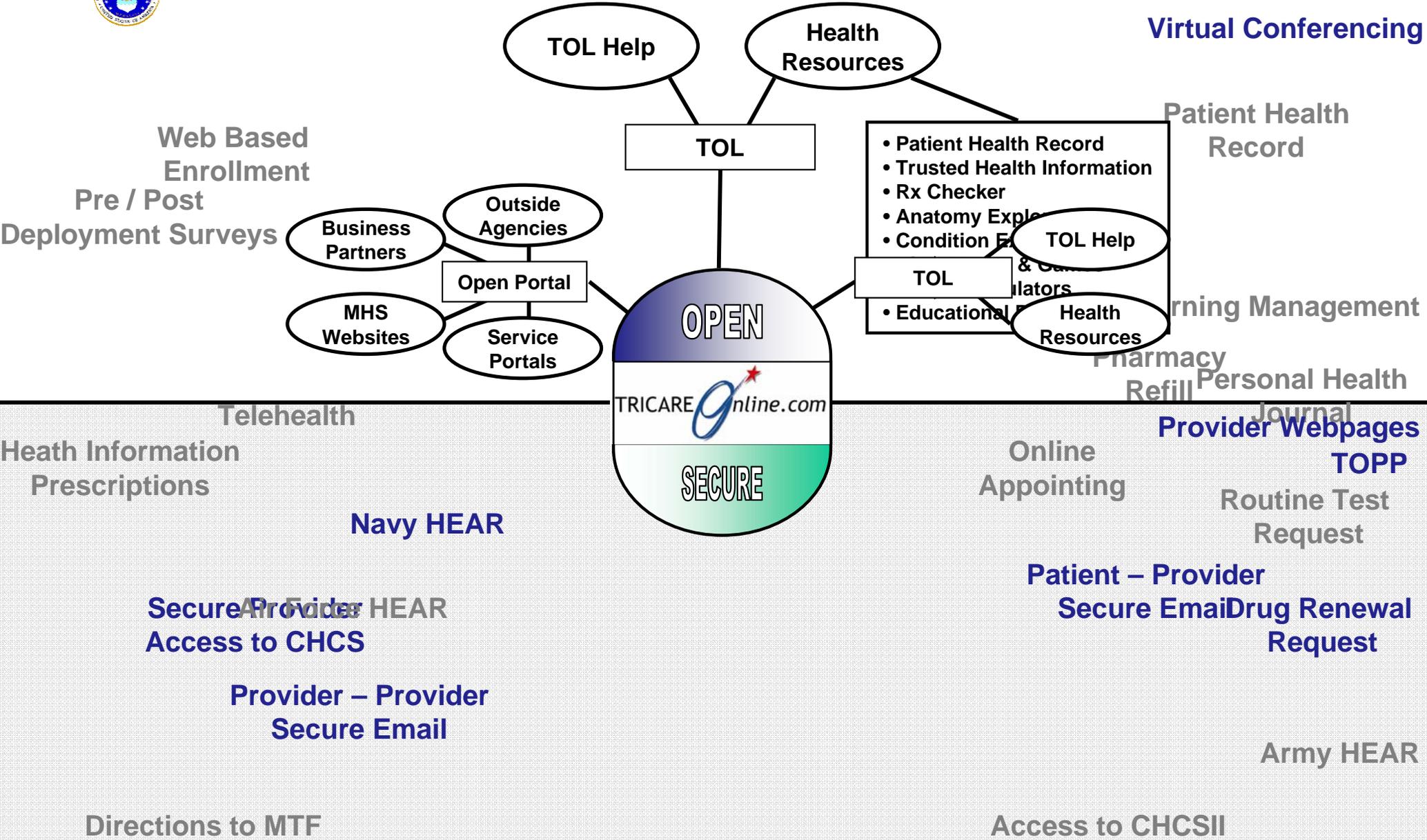
Access to CHCSII

Health Affairs Pharmacy Information

MHS Secure eHealth Portal

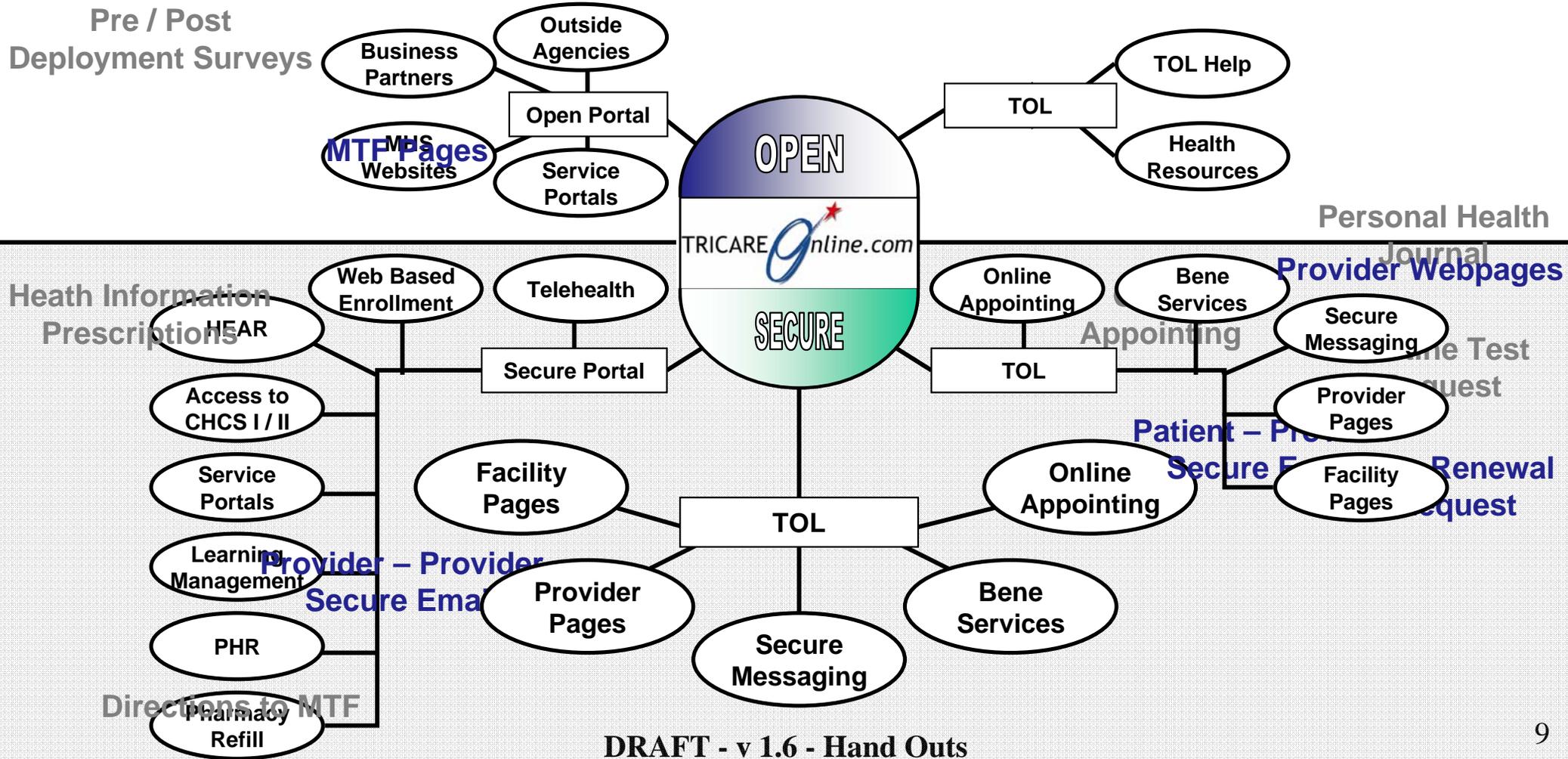


Operational Vision:



MHS Secure eHealth Portal

Operational Vision:



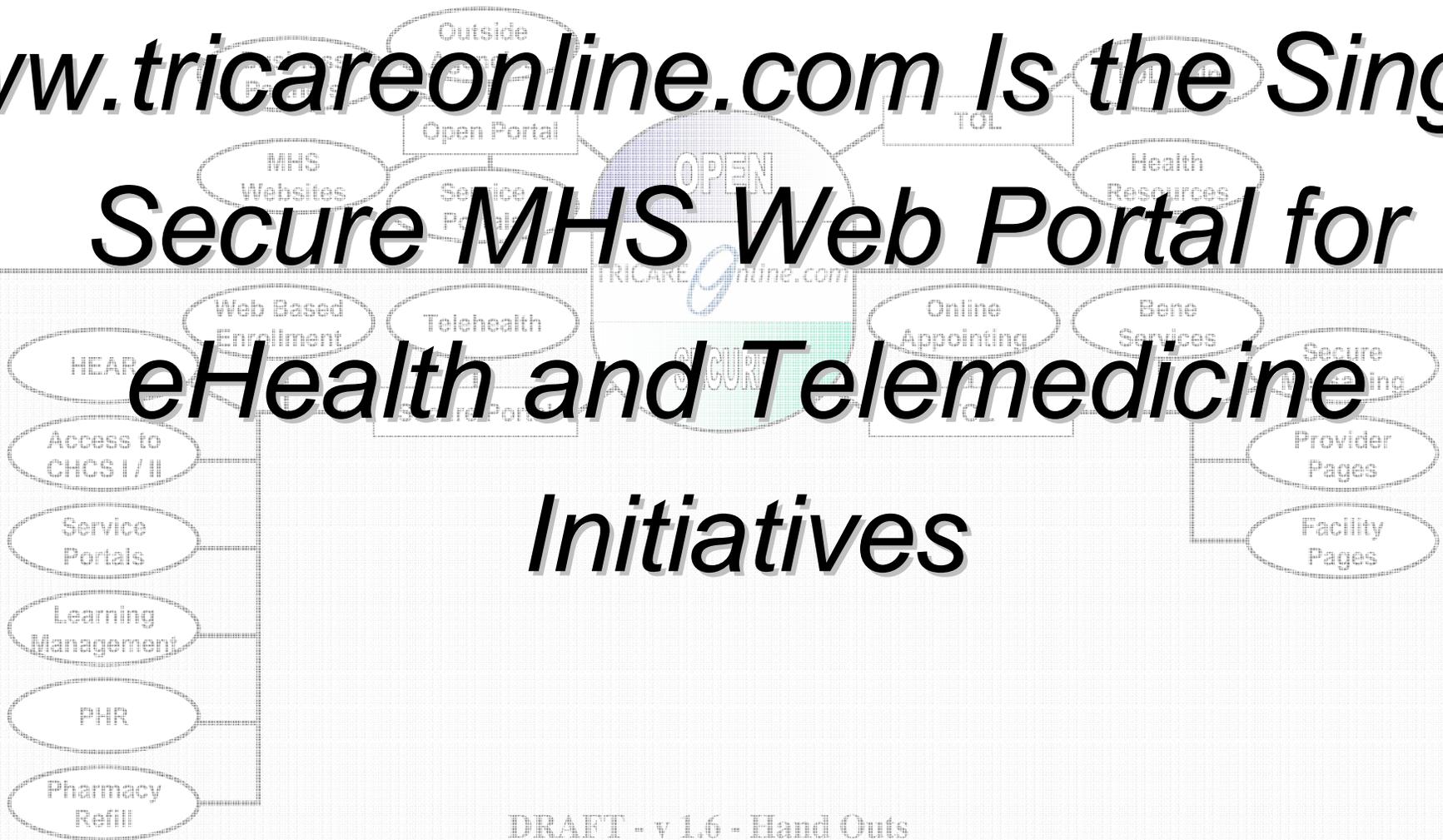


MHS Secure eHealth Portal



Operational Vision:

www.tricareonline.com Is the Single Secure MHS Web Portal for eHealth and Telemedicine Initiatives





Current MHS eHealth Functional Overview *(Viewed Through TOL)*



- **Beneficiary Functionality:**
 - Personal Health Record
 - Online Primary Care and Self-Referral Specialty Appointing
 - TRICARE Benefits Links
 - 18M Pages of Trusted Health Content Information
 - Micromedex Consumer Drug Catalogue
 - Online Drug Interaction Checker
- **Non-Beneficiary Functionality:**
 - Provider Read-Only Pre and Post Deployment Health Assessments
 - Non-Availability Statement (NAS)
 - PCM Batch Reassignment
 - i-learning / Web-Based Training
- **Platform Functionality:**
 - MHS Secure Portal (HIPAA Compliant)



TRICARE Online



Home

Log On Help Appointments Claims Dental Enrollment Pharmacy

- Site Registration
- My Personal Health Information
- Services and Benefits
- General Health Info
- Kids
- Providers and TOL Managers
- Government Service Links

TRICARE is the healthcare program for active duty and retired service personnel, their eligible family members and survivors. TRICARE combines both military and civilian services to deliver the highest quality healthcare.

TRICARE Online is brought to you by your local Military Treatment Facility, its civilian Managed Care Partner, and the Department of Defense. These entities form the TRICARE Healthcare Team dedicated to providing you with the best care possible.



TRICARE Online is a web site that is being developed in stages. As we continue to grow, we expect some problems to surface. We ask for your earnest observations as you make use of this website. This is your opportunity to make a difference in the way the Military Health System takes care of its own. If you are a user within the Continental United States (CONUS) and experience any problems while using this website, have any questions regarding TRICARE Online, or feel there are ways that we can serve you better, please do not hesitate to call Customer Service at 1-800-600-9332 (CONUS), (210) 767-5250 (Direct). Agents are available 24 hours a day to assist you. If you are a user Outside of the Continental United States (OCONUS) please refer to the following link:

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TO LEARN MORE ABOUT
TRICARE ONLINE

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If you require your password reset, please refer to the following link:

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My Personal Health

Services and Benefits



Your Healthcare Team:

TRICARE Online



Home

- Log Off
- Help
- Appointments
- Claims
- Dental
- Enrollment
- Pharmacy

- My Healthcare Team
- Services and Benefits
- General Health Info
- My Health Journal and Tools
 - Personal Health Manager
- Favorites
- Desktop Tools
- Government Service Links



Nina Mahen [family members](#) | [settings](#) | [log out](#)

Home

Condition Centers ▼

Living Healthy ▼

Take Action

- Assess My Health**
 - HealthQuotient™
 - Condition Centers
- Improve My Health**
 - Nutrition
 - Stop Smoking
 - Pregnancy
- My Records**
 - Health Record



Welcome, Nina!

News

- Personal Health News**
 - 18 Americans Die Every Hour Due to Injuries
 - Hospital Health Care Improving in U.S.
 - Folate Lowers Risk of High Blood Pressure
 - Other personal health news

My Health Guide

Recommendations based on your health profile:

- Getting Started**
 - Compare Your Health To Peers With HealthQuotient
 - Take The Asthma Assessment
 - Visit The Nutrition Center
 - Glaucoma and Your Eyes
 - Tennis Elbow
- News For You**
 - Asthma Medications Often Misused



Your Healthcare Team:

TRICARE Online



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Home

Condition Centers ▼

Living Healthy ▼

Health Record

- Conditions
- Medications
- Allergies
- Surgeries
- Immunizations
- Tests
- Coverage
- Basics

[add condition](#)

[Health Record summary](#)

[how to](#)

Current Health Conditions	Date ▼
Click on an item to edit, delete or view related information.	
Asthma	10/21/2004
Carpal Tunnel Syndrome	08/24/2004
Tennis Elbow	06/10/2002
Dental Cavities (2 entries)	02/21/2002
Pulp Gangrene	02/05/2002
Tooth Wearing Down	10/31/2001
Glaucoma	11/04/1999
Past Health Conditions	Date

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Patient Health Record User Feedback



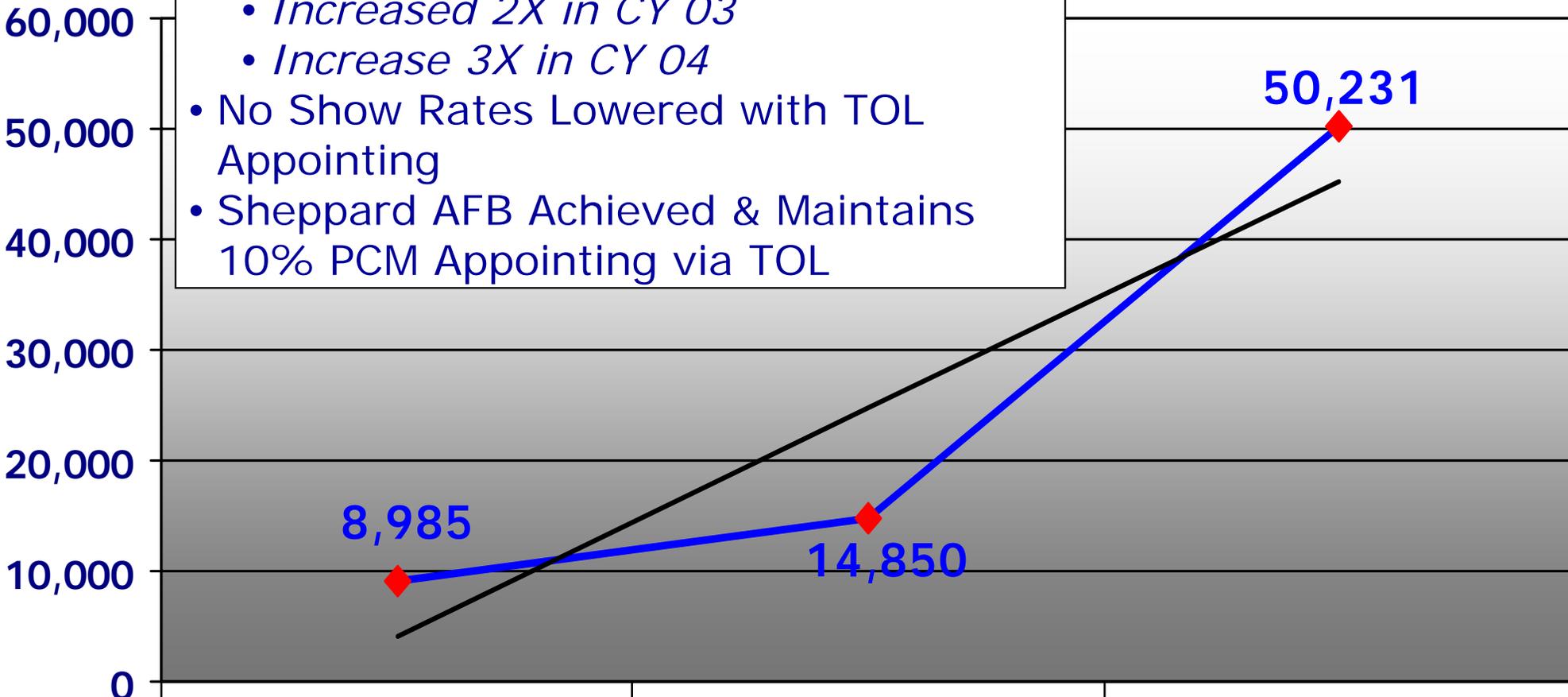
- **User Statistics:**
 - **TOL**
 - Total Number Registered Users: 220,000
 - **PHR**
 - Total Number Registered Users: 6,600
 - New Users Added in 2004: 3,800
 - Average Number Unique Users per Month: 1,000
- **Popular Features:**
 - **HealthQuotient (Risk Assessment Profile)**
 - Profile of Health Issues That May Affect User or Family Members
 - Detailed
 - Secure
 - Anonymous
 - Anonymity and Security Allow User to be More Open Than They Might be with Their Own Physician

TOL Appointment Trends 2002 through 2004



- *TOL Appointing Continues to Grow*
 - *Increased 2X in CY 03*
 - *Increase 3X in CY 04*
- No Show Rates Lowered with TOL Appointing
- Sheppard AFB Achieved & Maintains 10% PCM Appointing via TOL

TOL Appointments



2002

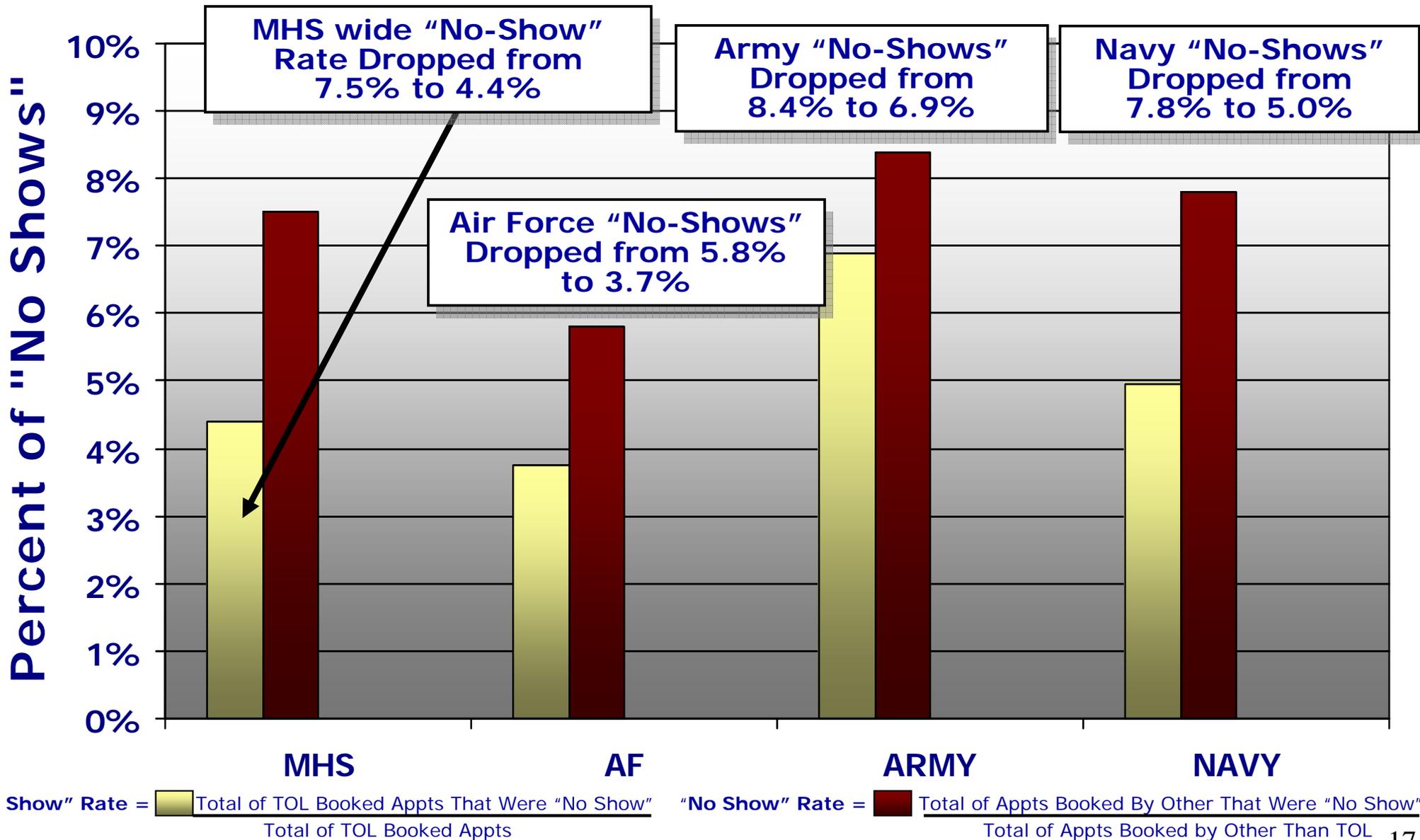
2003

2004

Calendar Year



Comparison of TOL and Other "No-Show" Rates November, 2004





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Functional Vision:



- **Beneficiaries – One Stop Shopping for:**
 - **Clinical**
 - Fully Integrated Personal Health Record
 - Patient – Provider Secure Messaging
 - Drug Renewals / Refills
 - Provider Directed Web-Based Education – Info Rx
 - Health Content
 - Tools & Calculators
 - **Administrative**
 - MTF & Clinic Pages
 - Provider Information
 - Access to MCSC Web Pages
 - MTF Appointing / Appointment Reminders
 - Patient – Admin Secure Messaging
 - TRICARE
 - Entitlement Information
 - Online Enrollment



www.tricareonline.com **Functional Vision**



- **Providers – Role-Based Virtual Desktop Access to All MHS Applications and Services:**
 - **Single Sign On (SSO) to Clinical Applications (Client Server & Web Applications)**
 - **Context Management Enhances Patient Safety – Same Patient, Same Data**
 - **Secure Messaging**
 - **Provider – Provider**
 - **Provider – Patient**
 - **Trusted Medical Reference Resources**
 - **Telehealth Portal**
 - **Provider Directed Web-Based Education – Info Rx**
 - **Administrative Functions**



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Collaboration Activities:



- **DoD / VA – “Unity of Purpose” / “Unity of Effort”**
 - Leveraging Requirements and Best Practices
 - Achieving Common Look & Feel
 - Unifying Health Content Offerings
 - Collaboration with National Library of Medicine
- **Conemaugh Health Systems**
 - 12 Month Congressional Project to Validate eHealth Requirements and User Needs
 - Most Used Features
 - Ease of Use
 - Features Desired in an “Ideal World”

Conclusions

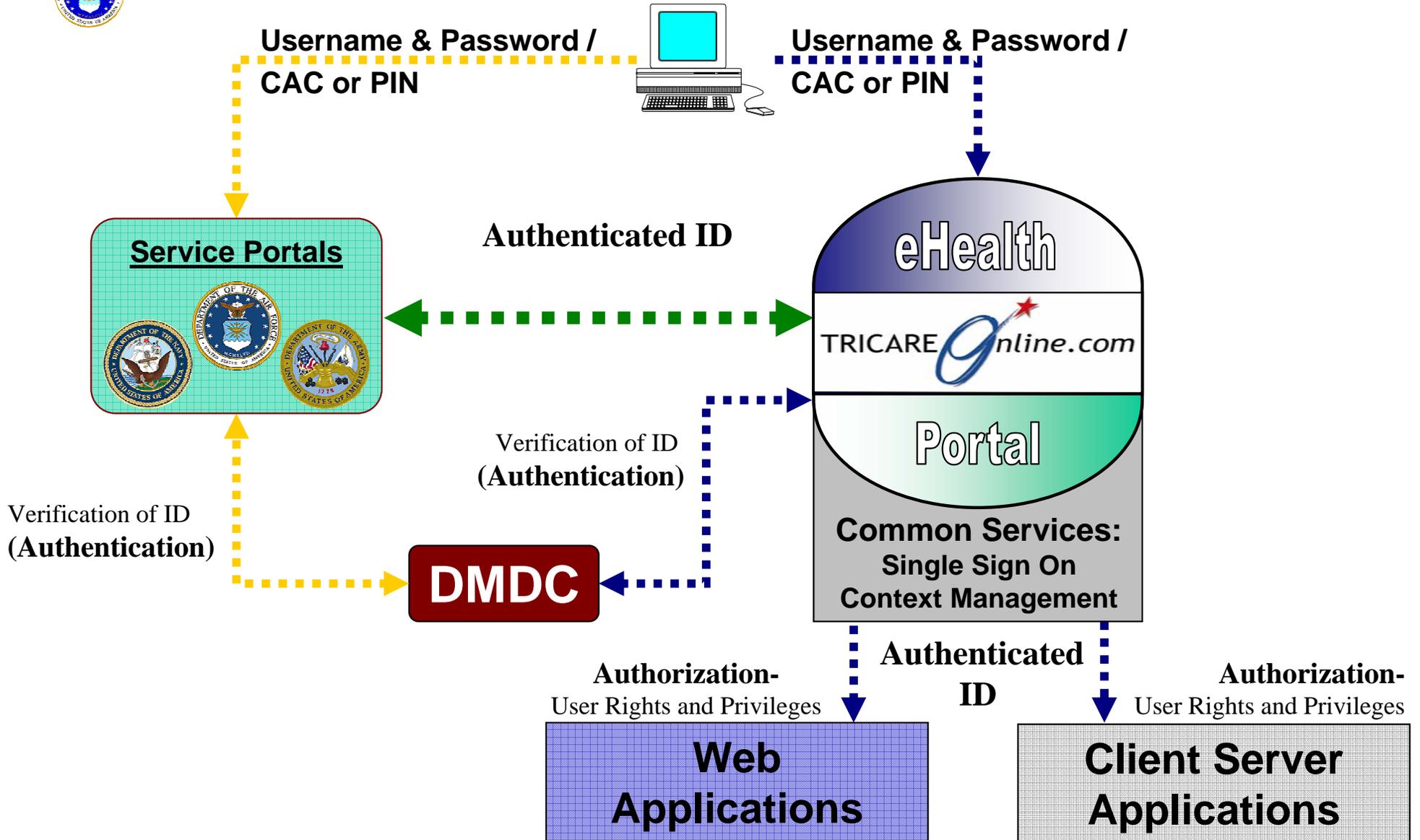


- **www.tricareonline.com Is the MHS One-Stop Shop for Online Healthcare Information & Services**
 - PHR Is A Valuable Tool
 - Online Appointing Continues To Grow
- **DoD is Looking Forward:**
 - **Beneficiaries**
 - Fully Integrated PHR
 - Patient – Provider Secure Messaging
 - **Providers**
 - Web-Based Clinical Desktop
 - Patient – Provider / Provider – Provider Secure Messaging
- **Collaboration Continues**
 - DoD / VA
 - National Library of Medicine
 - Industry
- **DoD Beneficiaries Demand It**



Backup Slides

www.tricareonline.com Portal Functional Concept





MHS PCM Appointment Snapshot For the Month of November 2004

Type of PCM Appts On CHCS	Who Can Book	Air Force	Army	Navy	"As Is" MHS	"Optimized" MHS
"\$" Appt	Clinic	49,637	113,904	52,772	216,313	165,228
"\$" WEA Appt	Clinic	3,078	2,210	4,627	9,915	0
Appt	Clinic Contractor	180,655	192,780	173,186	546,621	0
WEA Appt	Clinic Contractor TOL	109,558	112,155	106,961	328,674	936,295
% of Available WEA Appts / All PCM Appts		32%	27%	32%	30%	85%

 - Indicates Appointments That Can NOT Be Viewed On TOL

The TRICARE Operations Center (TOC) is the source for all CHCS appointment data.
 "WEA" = Web Enabled Appointment is a CHCS code that allows appointment to be viewed on TOL
 "\$" = CHCS appointment type bookable only by the Clinic

Total Appointments Available Per Booking Method:
 Clinic – 1,101,523
 Phone – 875,295
 TOL – 328,674



eHealth Collaboration

Appointing Centers of Excellence



- **Services Establishing Online Appointing Centers of Excellence (2 per Service)**
 - **Implement Best Business Practices to:**
 - Maximize Appointment Access via TOL
 - Educate MTF Staff and Local Beneficiary Populations
 - Monitor and Report Progress to Stakeholders
 - **Centers of Excellence:**
 - **Army - POC: MAJ Daniel Jetton**
 - Dewitt Army Community Hospital, Ft Belvoir VA
 - Womack Army Medical Center, Ft Bragg, NC
 - **Air Force - POC: Maj Mark Meersman**
 - U.S. Air Force Academy, CO
 - 71st Medical Group, Vance AFB, OK
 - **Navy - POC: CAPT Christine Boltz**
 - National Naval Medical Center Bethesda, MD
 - Naval Medical Center Portsmouth, VA