

**2026
DEFENSE HEALTH INFORMATION
TECHNOLOGY SYMPOSIUM**

**AUGUST 11-13, 2026
HYATT REGENCY NEW ORLEANS
NEW ORLEANS, LA**

The Future of the Federal Electronic Health Record (EHR)

Moderator: Kimberly Hranowsky, Deputy Chief Technology Officer, Federal Electronic Health Record Modernization (FEHRM) Office

Speakers: Lance Scott, Chief Technology Officer, FEHRM

Dr. Francisco Rhein, Chief Health Informatics Officer, FEHRM

John Short, Chief Data Interoperability Officer, FEHRM



The Problem, Solution, and Call to Action



The Problem

The Military Health System (MHS) cannot be effective in a joint environment if its health record systems are not fully modernized, interoperable, and aligned with operational needs.



The Solution

Emphasize that EHR modernization is a core warfighting imperative. Discuss the importance of programs like Joint Operational Medicine Information Systems (JOMIS) and the Federal EHR in creating a single, integrated health record that follows the warfighter from garrison to the battlefield and back.



Call to Action

Task the community with accelerating the integration and modernization of all EHR and health intelligence platforms to deliver a seamless system that supports joint medical planning and operational medicine.

Agenda

1. FEHRM Overview
2. Joint (DOW-VA) Sharing Sites
3. Federal Partner Onboarding
4. Data Governance
5. National Standards for Exchange of Exposure Information
6. FEHRM Microsoft 365 Business-Collaboration Capability
7. Trusted Exchange Framework and Common Agreement (TEFCA) Analysis

Moderator and Speaker Introduction

Moderator



Kimberly Hranowsky

Deputy Chief
Technology Officer
FEHRM

Speakers



Lance Scott

Chief Technology
Officer
FEHRM



Dr. Francisco Rhein

Chief Health
Informatics Officer
FEHRM



John Short

Chief Data
Interoperability Officer
FEHRM

Learning Objectives

- 1** Provide background/goals of the FEHRM
- 2** Summarize recent top accomplishments/impacts
- 3** Highlight current initiatives and challenges
- 4** Apply examples on how initiatives enhance provider/patient benefits

Path to Convergence: Role of the FEHRM



National Defense Authorization Act (NDAA) Statutory Requirement

“Maintain the common configuration baseline for the electronic health record systems of the Department of Defense and the Department of Veterans Affairs”



2018 Joint Commitment Letter

“It is imperative that the DoD and VA work together to promote the best use of resources in pursuit of our common EHR modernization goals and objectives”



2019 FEHRM Charter

“Implement a single common federal electronic health record to enhance patient care and provider effectiveness regardless of the location of care”

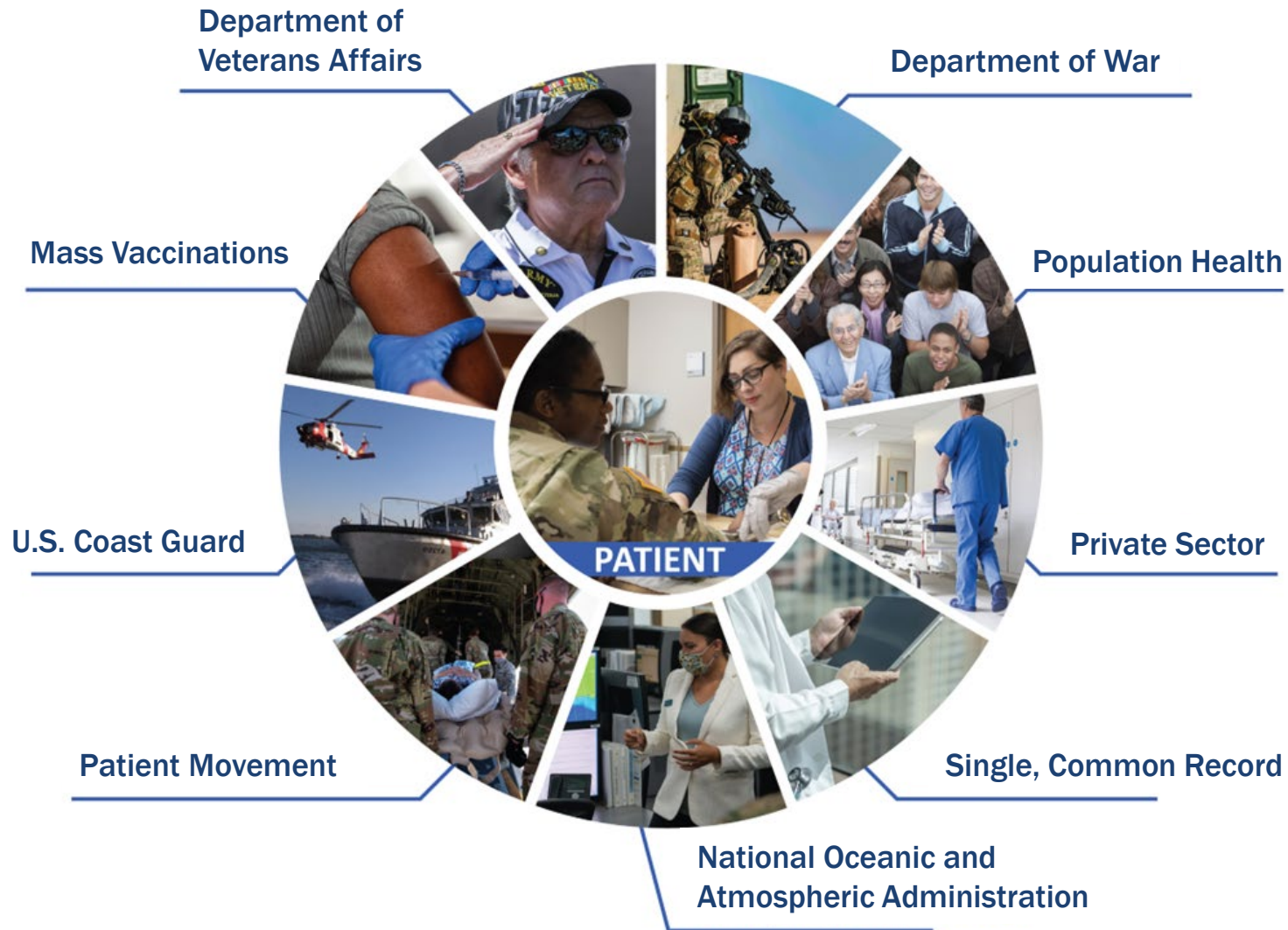
— MISSION —

- The FEHRM’s primary mission is to **implement a single, common federal EHR to enhance patient care and provider effectiveness**, wherever care is provided.

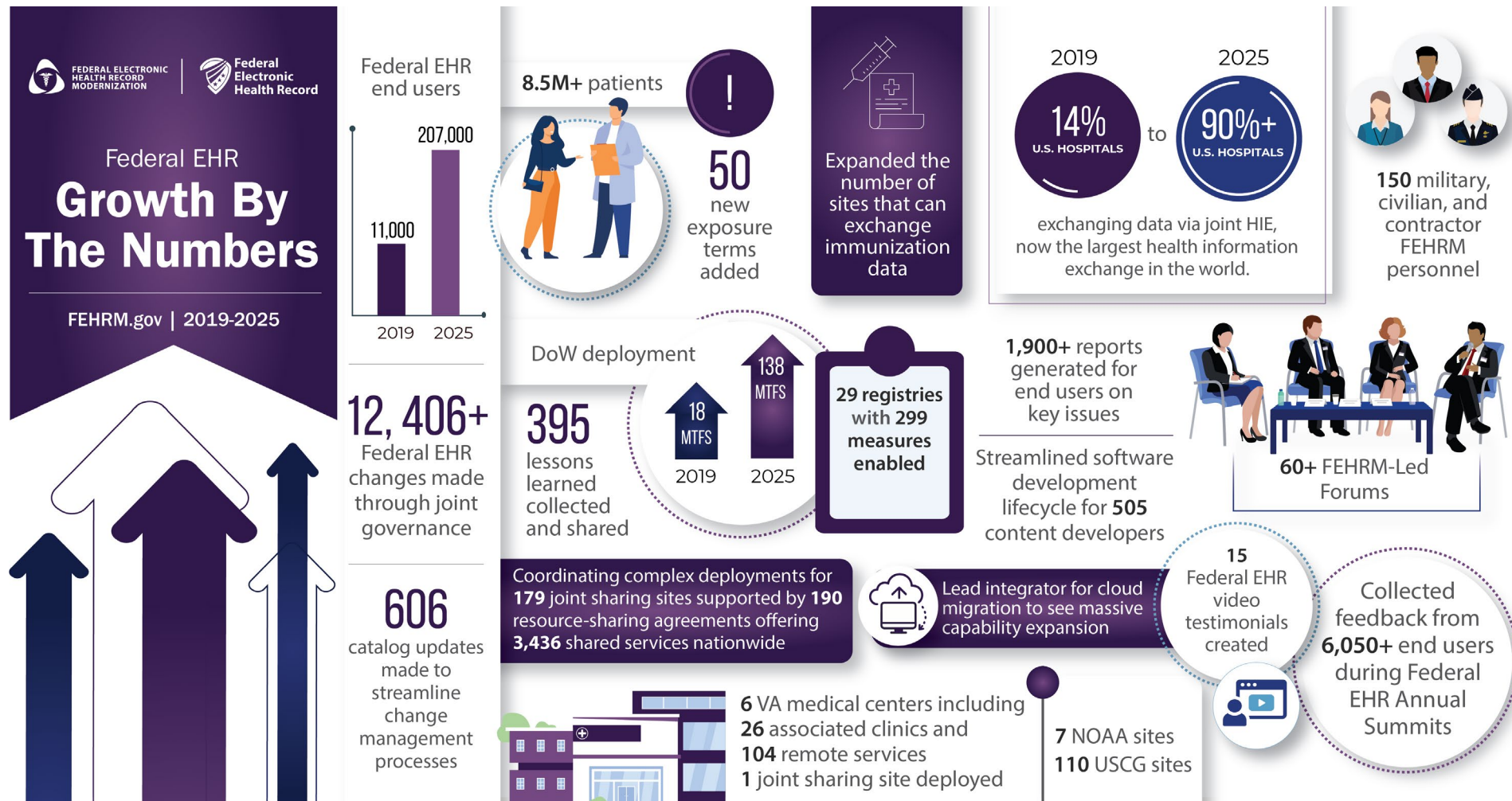
— OBJECTIVES —

- **Identify opportunities for efficiency, standardization, and optimization of systems and processes.**
- **Advance interoperability across the federal and private sectors**
- Actively **manage risks and the operation of the joint Federal Data Center**, where all federal health data resides.
- **Minimize risk to federal enterprise EHR deployment and implementation.**

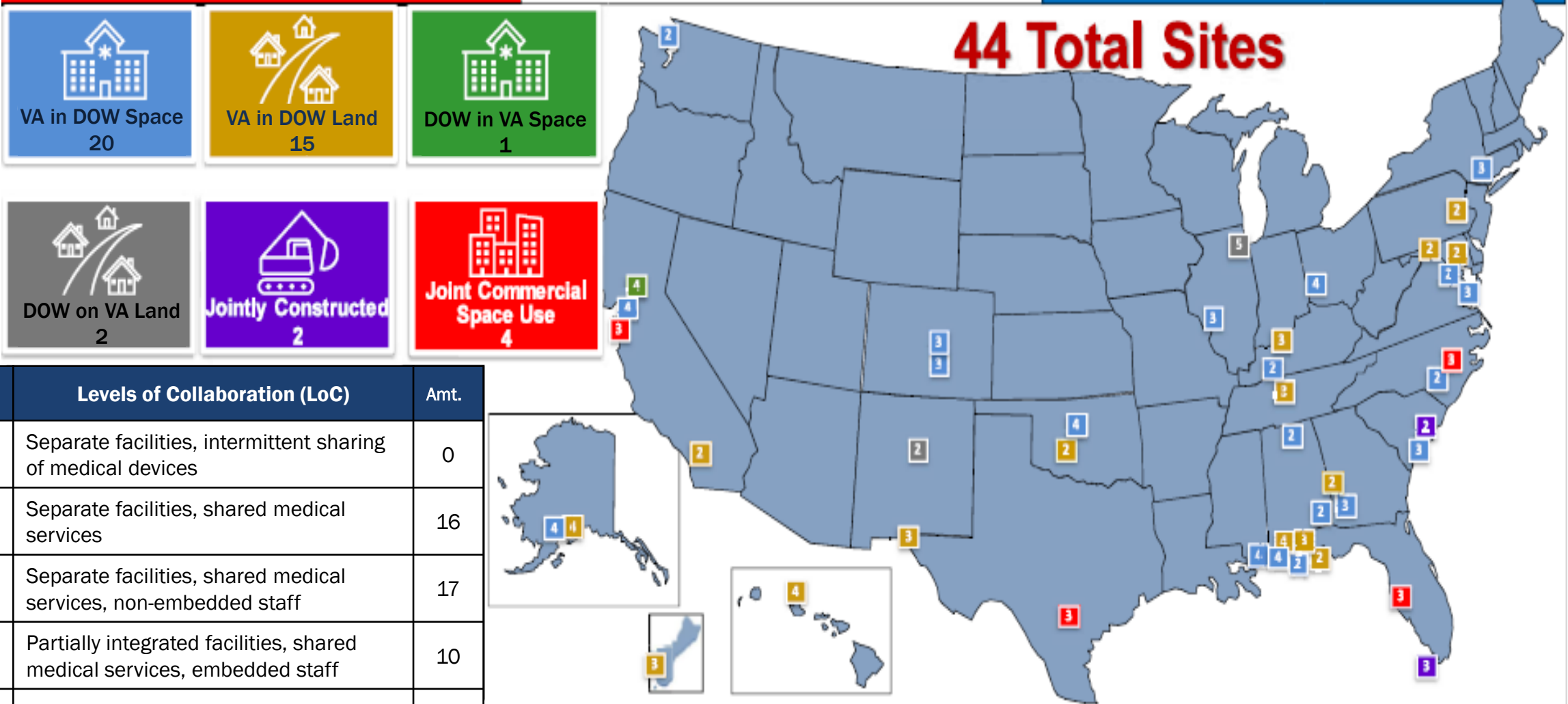
Improving Outcomes Through Patient-Centered Care



FEHRM Growth by the Numbers



JSSs Landscape -Varying Levels of Integration & Complexities¹



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¹ DOD/VA Resource Sharing Agreements Report, 14 July 2023

Federal Partner Onboarding Repository

Many agencies across the Federal Government that deal with clinical data are not fully aware of the **robust ecosystem that already exists**. An important step in onboarding is **sharing materials that communicate the value of the Federal EHR**.

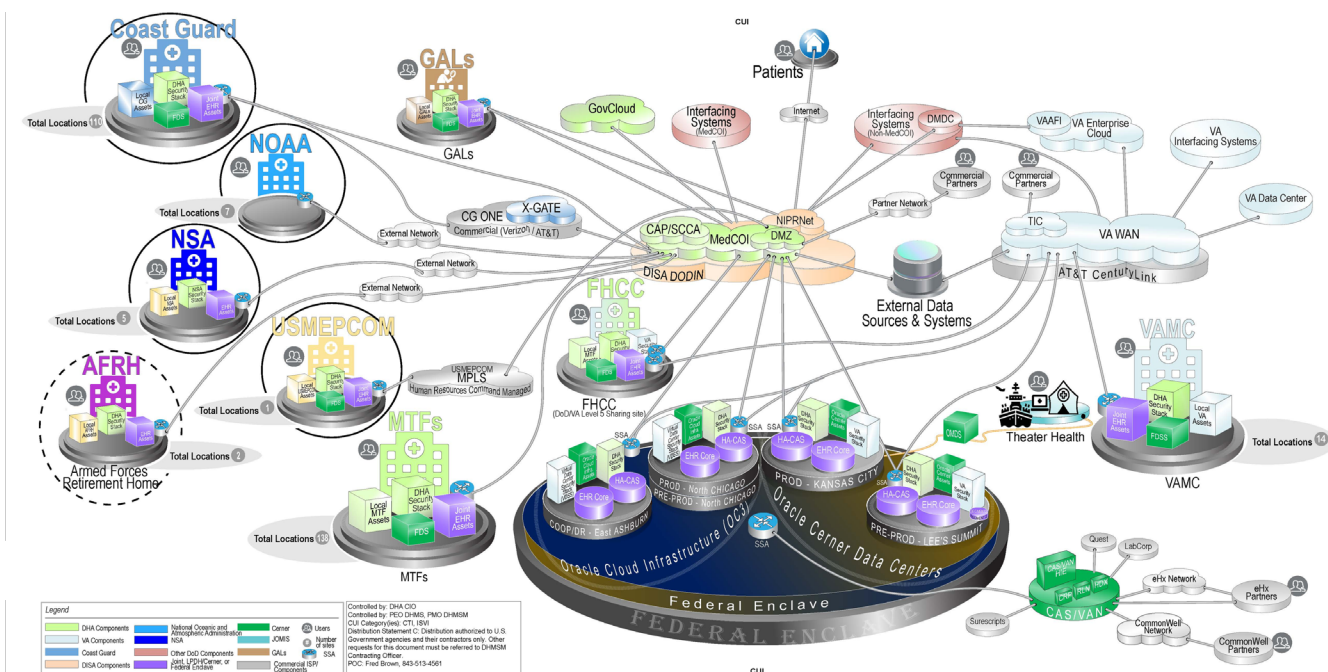
Repository materials leveraged by the team

Proactive Outreach

- Total Addressable Market Analysis & Priority Agency Targets
- Federal EHR Onboarding Checklist
- Deployment Resourcing Strategy (Justifying a Dedicated Resource)
- Opportunities for Federal Partners to Shape Federal EHR Direction/Configurations
- Federal EHR Value Proposition
- Responses to Common Questions & Concerns

Reference Materials

- Overview of Oracle Health Capabilities
- Support for Clinical Trials
- Highlights from Oracle Health Summit
- Oracle AI Strategy
- Exploration of a "Lite" Federal EHR

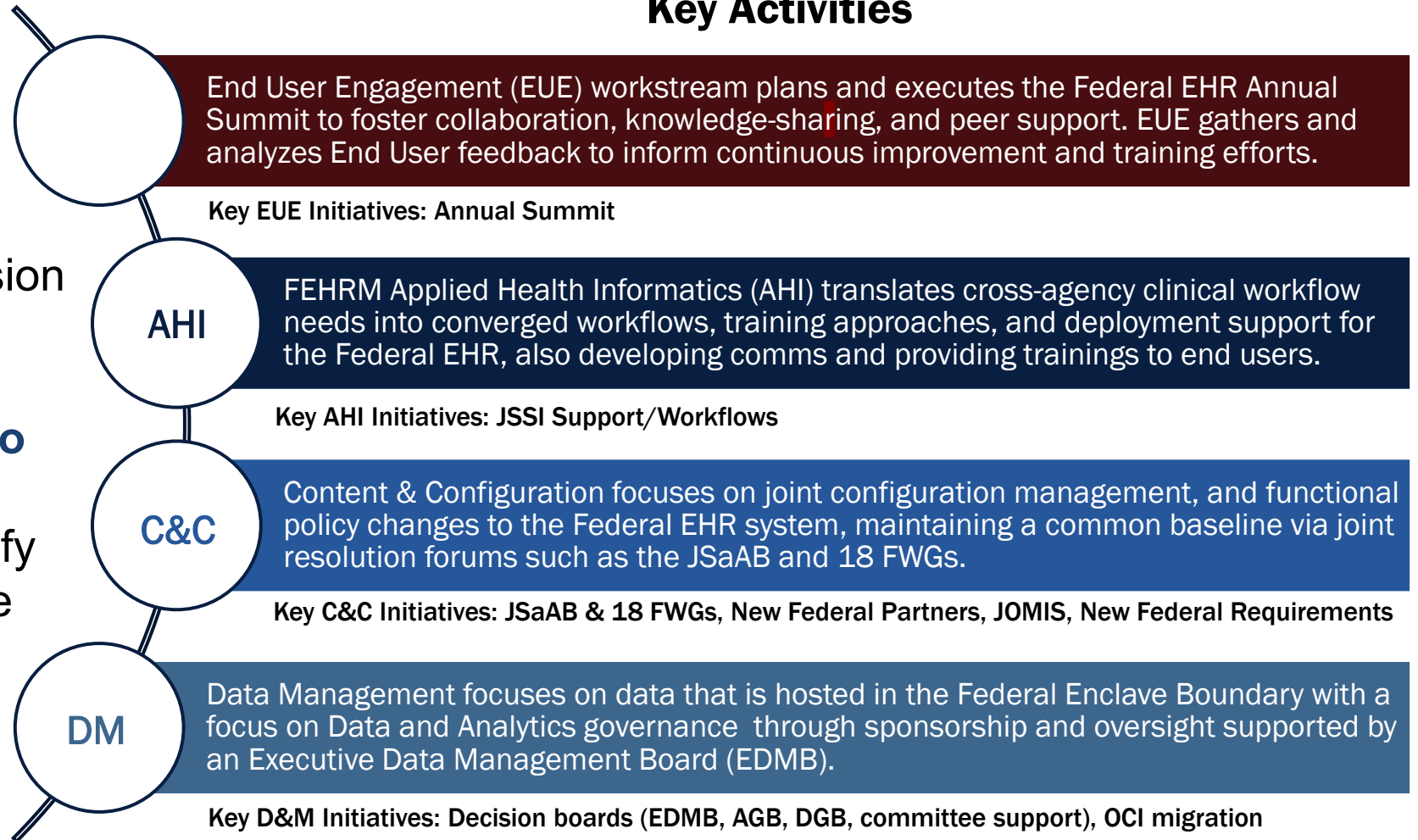


FEHRM Governance Activities



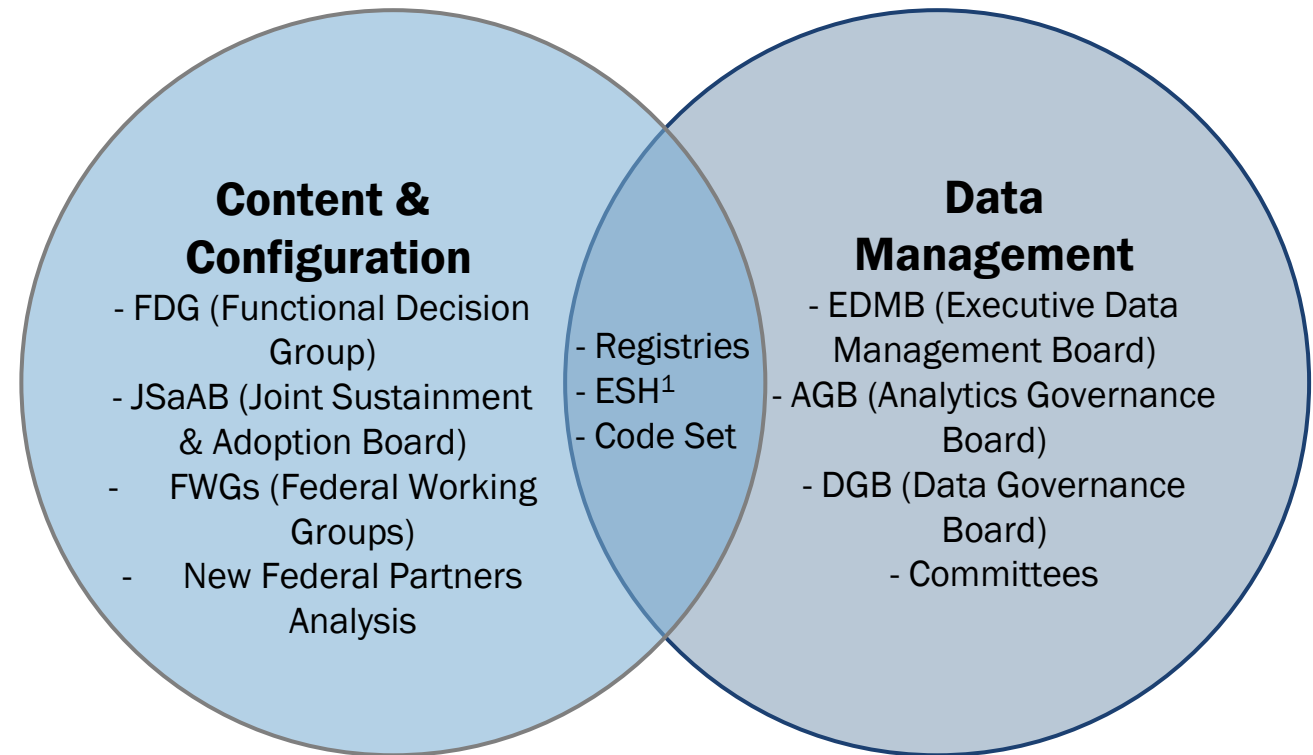
The FEHRM achieves its mission by bringing **functional stakeholders together to identify and mitigate risk to convergence and interoperability**, and to codify joint decisions on enterprise workflow and system configuration as needed.

Key Activities



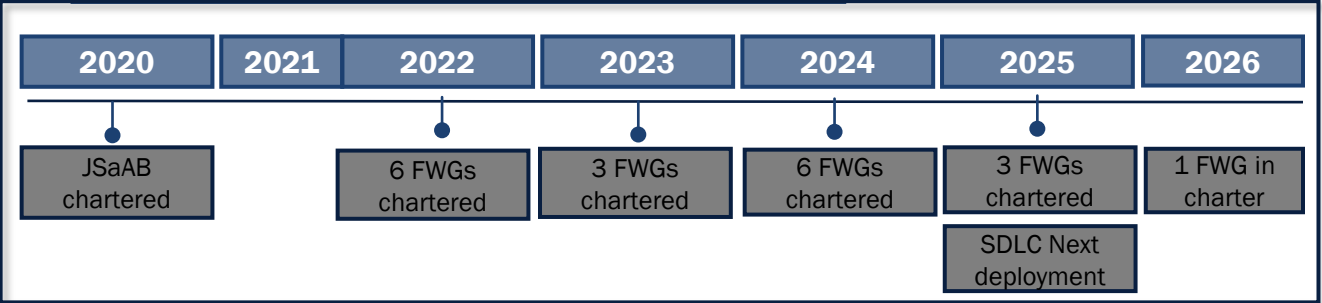
FEHRM CHIO Governance Framework

The FEHRM Statutory Obligation is to configure a single, common Federal EHR. At the point of care and beyond, the convergence processes of the FEHRM focus on a **common Federal EHR user experience** and the **collection and analysis of patient derived data to optimize care delivery**. The management and use of the collected data is crucial to positive health care outcomes. To execute, the FEHRM has two foundational governance operations: Content & Configuration and Data Management.

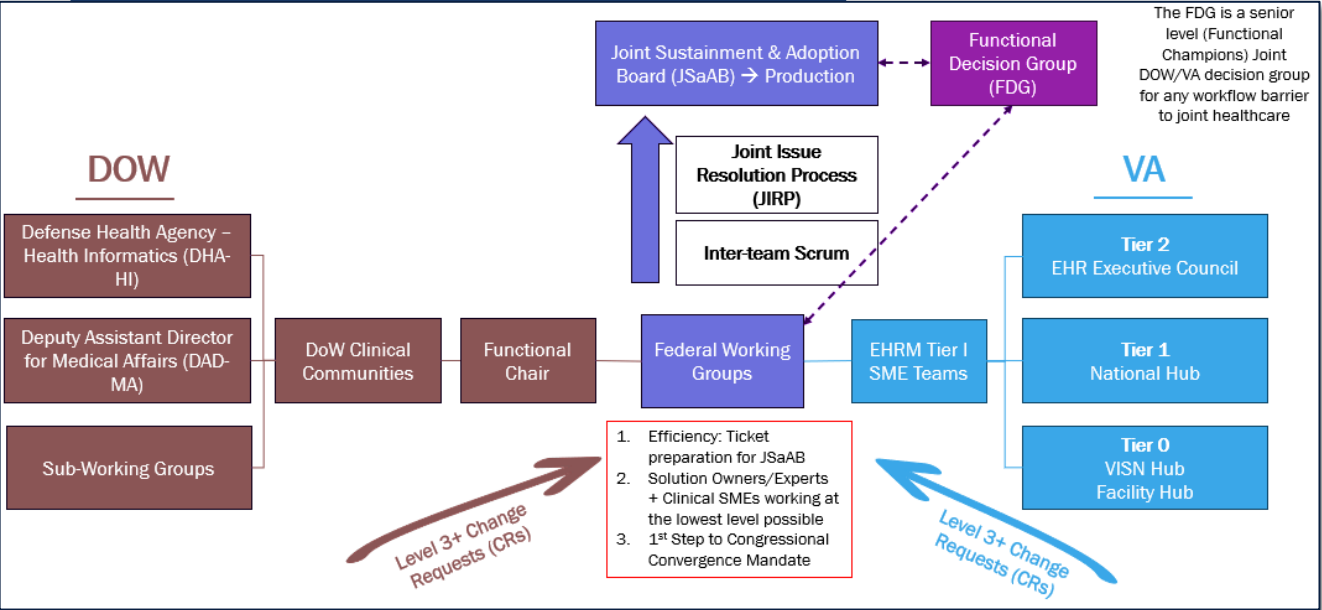


Federal Content and Configuration Overview

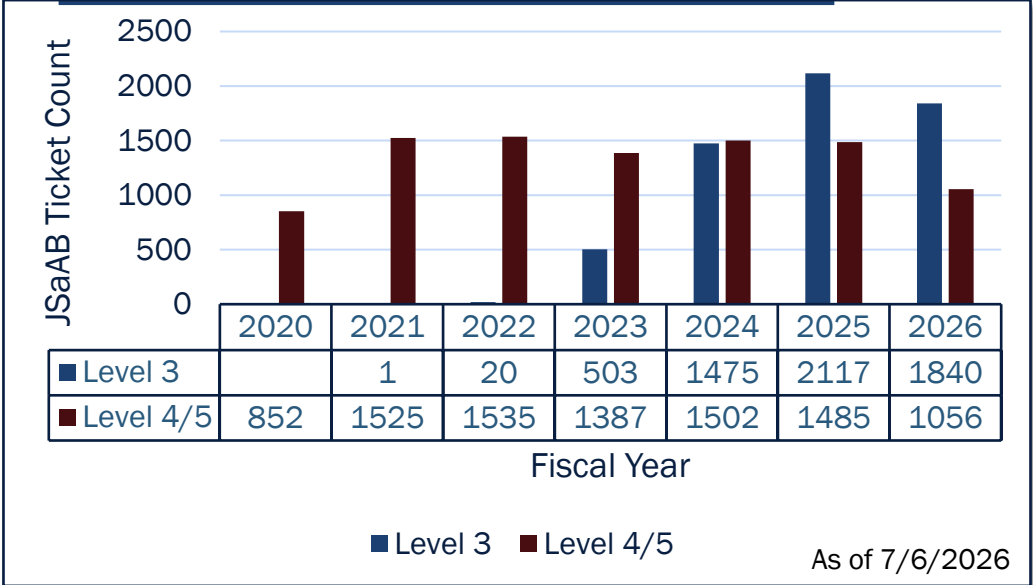
FEHRM C&C Governance Timeline



C&C Federal EHR Governance Framework



Total Tickets Released Into Production



15,298 JSaAB level 3/3a/4/5 tickets have been implemented into production from 2020 - 2026

Federal Working Groups (FWGs)

Foundational goal of the FWGs and JSaAB model is to address the joint configuration of issues/tickets/problems to the lowest joint working level of informaticists and functional SMEs

As of 7/6/2026

Purpose

- FWGs **drive configuration convergence** based on EHR end user needs
- FWGs provide **advisory, process, and operational support** for the Federal EHR baseline

Representation

Voting Members

- DOW Solution Owner
- VA Solution Expert
- DOW Clinical SME
- VA Clinical SME
- FERHM is a facilitator, mediator, and advisor**

Value Proposition

- DOW & VA **working relationships**
- Solutions at the **“lowest joint level”**
- Providing visibility** to key stakeholders of **all changes made**

Joint Sustainment and Adoption Board (JSaAB) | Functional Decision Group

Clinical Track—4 Co-chairs*

Federal
Emergency
Medicine WG

Federal
Ambulatory WG

Federal Acute
Provider WG

Federal
Research WG

Federal In
Patient WG

Federal
Population
Health WG

Federal
Oncology WG

Federal
Behavioral
Health WG

Federal
Pharm WG

Pending: Federal Radiology WG

Co-chairs:

- DOW Solution Owner (SO) & SME
- VA Solution Expert (SE) & SME

Solution Track—2 Co-chairs*

Federal
Positions WG

Federal Rules
and Alerts WG

Federal
Registration
Scheduling
WG

Federal Power
Plans WG

Federal Item
Master WG

Federal
Documentation
WG

Federal Charge
Services WG

Co-chairs:

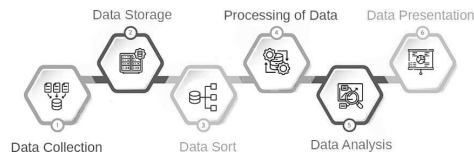
- DOW Solution Owner (SO)
- VA Solution Expert (SE)

Data & Analytics Governance Framework

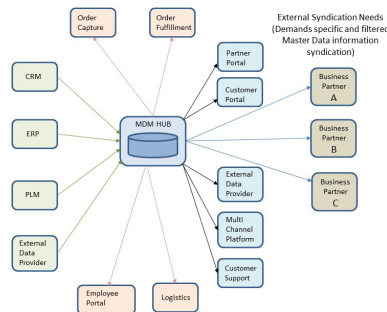


Data Governance Board (DGB)

Data Processing

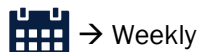


Typical Master Data Syndication View



Key Activities:

- Meet priorities defined by the EDMB
- Resolution and/or escalation of joint data issues that require action
- Data migration & syndication, terminology standards, master data management and data provenance



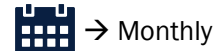
→ Weekly



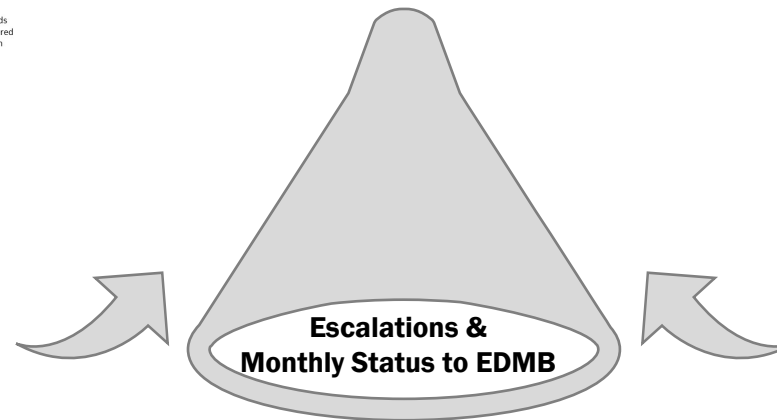
Executive Data Management Board (EDMB)

Key Activities:

- Represent organizational interests (VHA,DHA, FEHRM)
- Identifies milestones
- Defines key activities
- Defines priorities
- Resolves escalations



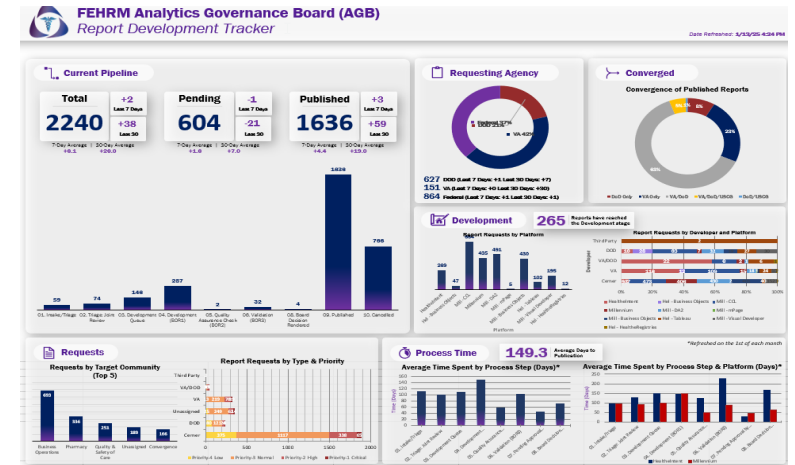
→ Monthly



Data Management in the FEHRM ensures **data integrity, completeness and protection of patient information** across the Federal EHR

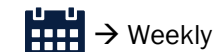


Analytics Governance Board (AGB)



Key Activities:

- Meet priorities defined by the EDMB
- Joint Federal Enclave reports (canned and ad hoc)
- Joint data calls, requests for new analytics capability, and congressional data requests
- Clinical community reporting and analytics (liaison with research community)



→ Weekly

National Standards for Exchange of Exposure Information

SNOMED-CT and ICD-10-CM Status Overview

Completed Submissions

Prioritized based on:

- Legislation (PACT Act and NDAAAs)
- Individual Longitudinal Exposure Record (ILER)
- VA Health Outcomes Military Exposures (HOME) Office
- Defense Health Agency (DHA)
- National Institute of Environmental Health Sciences (NIEHS)
- Toxic Exposure Research Working Group (TERWG)

Focused on:

- Occupational hazards (solvents, cleaning agents, etc.)
- Burn pits
- Dioxins
- Perfluoroalkyl and polyfluoroalkyl (PFAS) substances
- Jet Fuel
- Agent Orange
- Geographic locations

Submitted to:

SNOMED-CT

- 55 total concepts
- 45 accepted
- 10 pending NLM approval

ICD-10-CM

- 20 codes submitted and pending NCHS approval

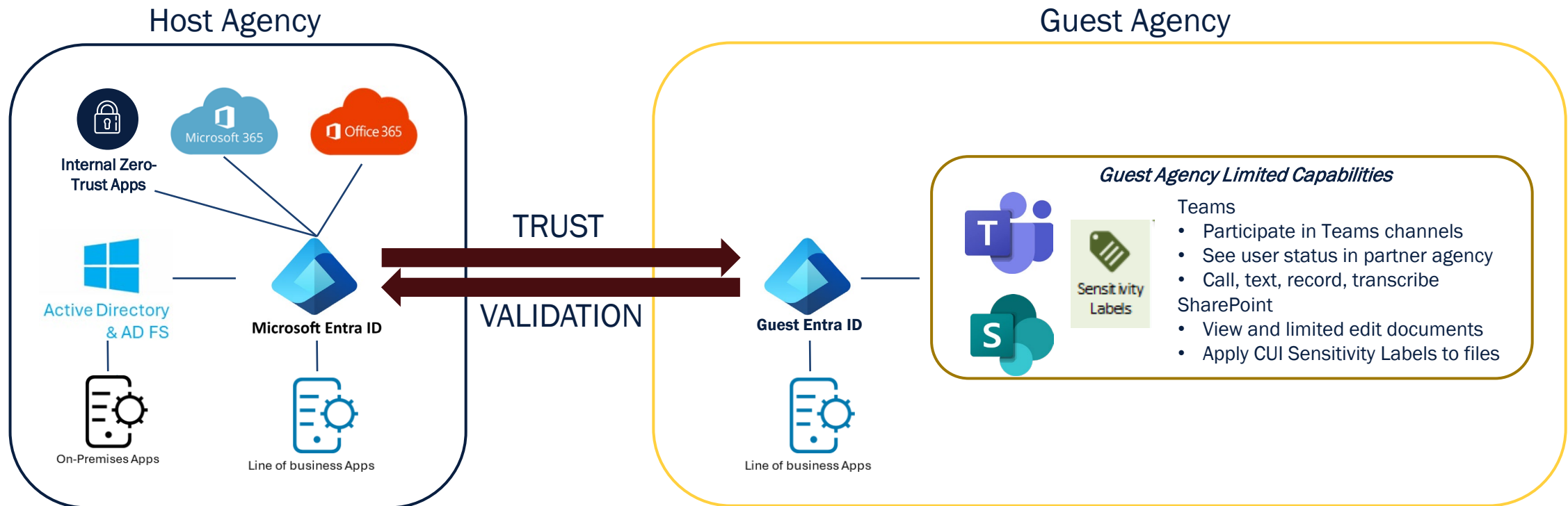
Upcoming Submissions

Exploratory research in areas of:

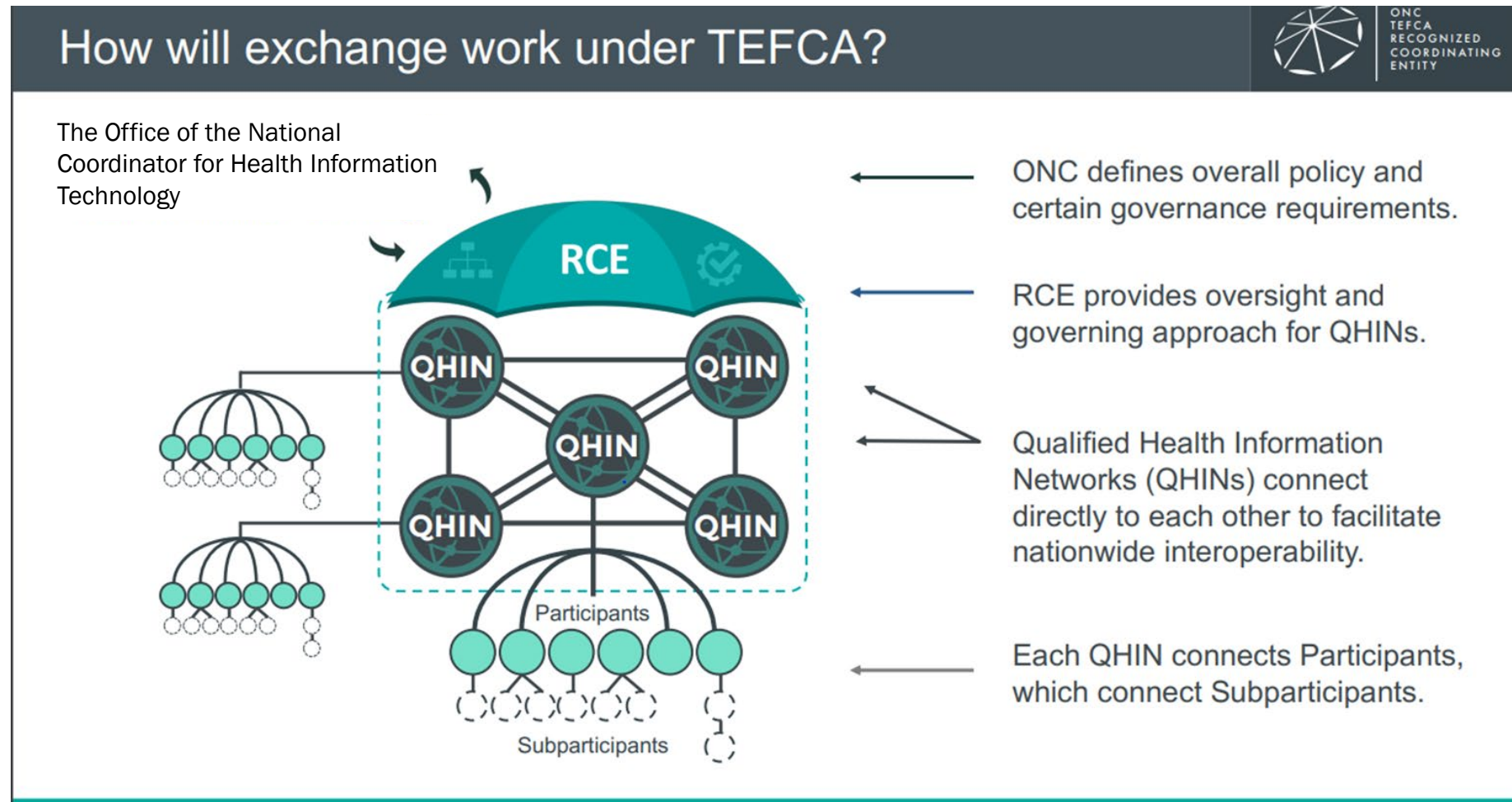
- Chemical weapons
- Biological weapons
- Radiation
- Pesticides
- Additional PFAS related exposures
- Various locations of high-profile military toxic exposure events

Cloud Tenant Trust

Cloud Tenant Trust enables collaboration to eliminate roadblocks in communication, cooperation, sharing, and coordination. Joint Sharing Sites can benefit by **gaining access across agency boundaries to shared documents, channels, and communications via Teams and SharePoint**. The FEHRM is working to enable this capability at like Joint Base Elmendorf-Richardson (JBER) in Alaska and assessing the feasibility of further expansion.



Trusted Exchange Framework and Common Agreement (TEFCA) (from Sequoia Project website)



Contact

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Thank You!



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