

EHRM Transition for RACGWVI

James Breeling, MD

September 5, 2018

The Nation's Largest Health Care Network and Growing

1,200 +
DoD care locations



1,600 +
VA care locations














9.4 Million Beneficiaries

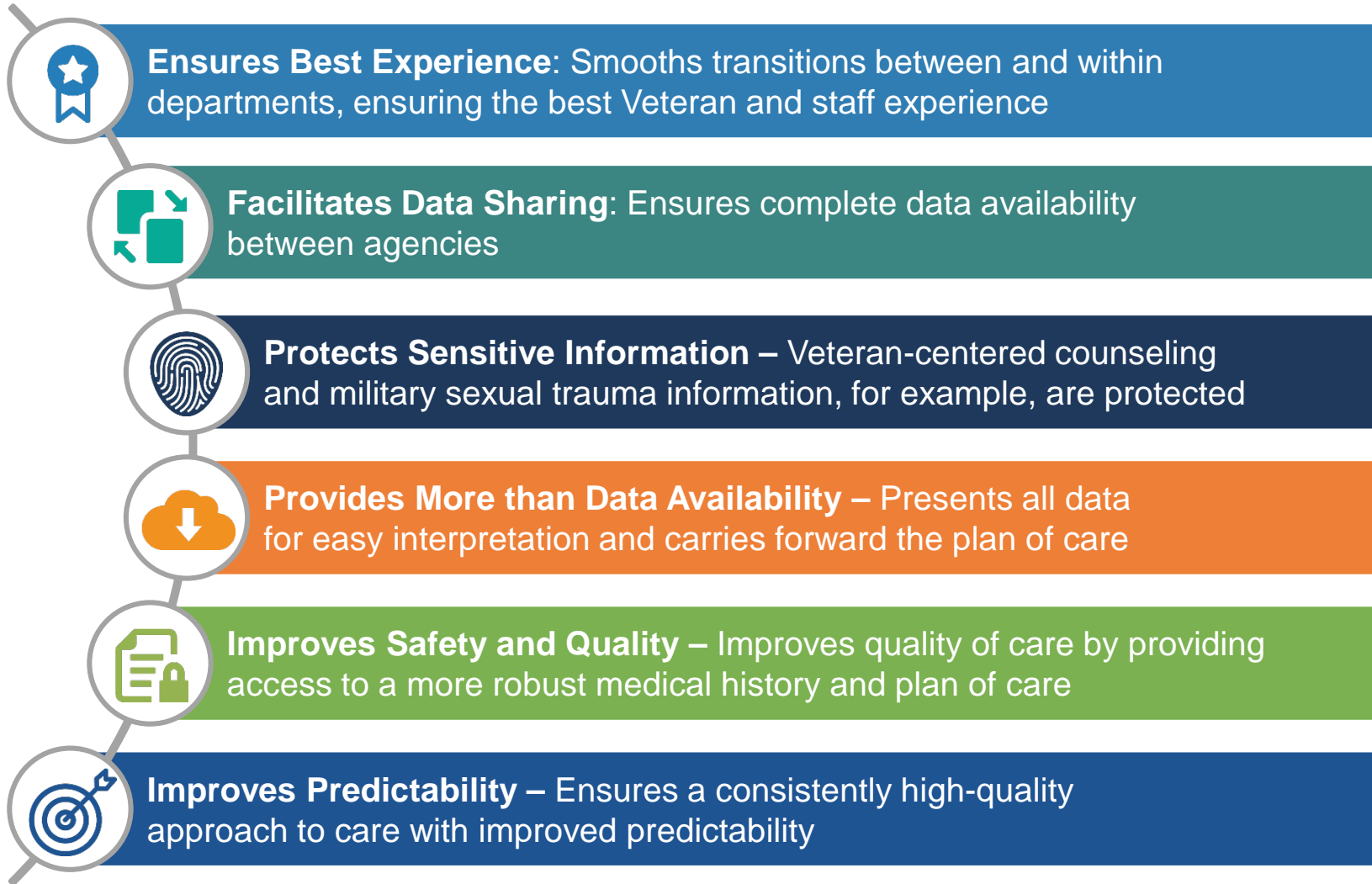


8.9 Million Patients

VA EHRM Guiding Principles

-  Standardize clinical and business processes across VA
-  Design a Veteran-centric system focusing on quality, safety, and patient outcomes
-  Flexible and open, single enterprise solution
-  Clinical business process reengineering, adoption, and implementation over technology
-  Configure not customize
-  Decisions shall be based on doing what is best for VA health care system as a whole
-  Decision-making and design will be driven by front-line and clinical staff
-  Drive toward rapid decision making to keep the program on time and on budget
-  Provide timely and complete communication, training, and tools to ensure a successful deployment
-  Build collaborative partnerships outside VA to advance national interoperability
-  Enable full Veteran engagement in their health care

Benefits of EHRM



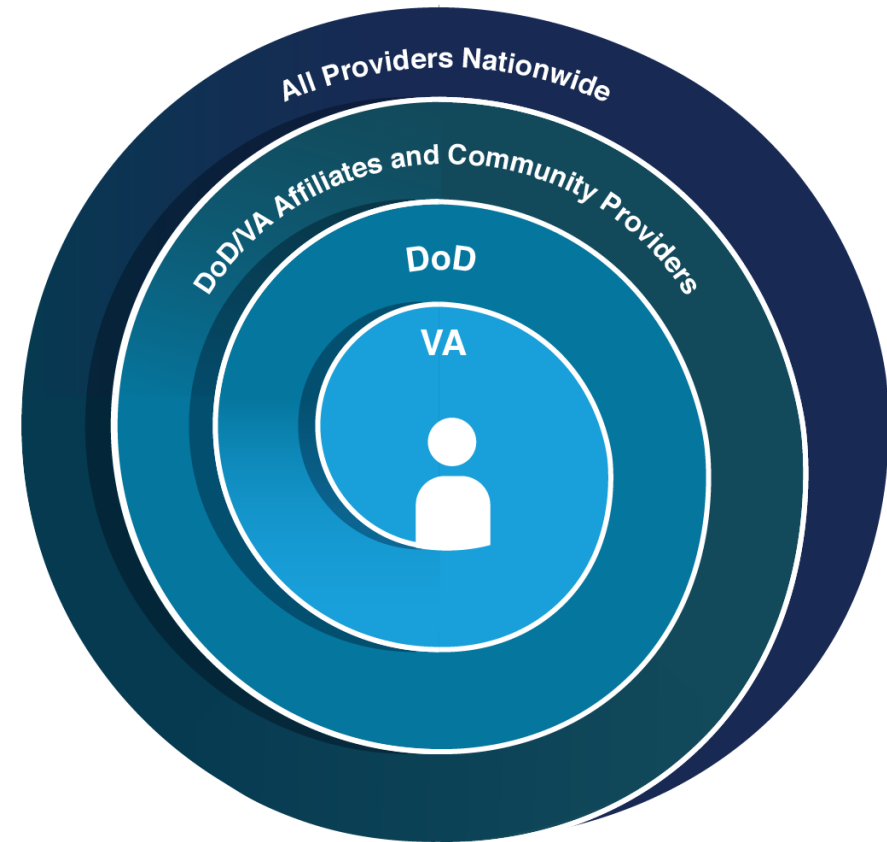
Stages of Interoperability

Stage 1: Interoperability
within VA

Stage 2: Interoperability
between DoD and VA

Stage 3: DoD/VA Affiliates
and Community Providers

Stage 4: National
Interoperability



EHRM Governance

VA Secretary

VA CIO
Technology and Strategic
Sourcing

VHA Under Secretary Health
Executive in Charge

Deputy Secretary

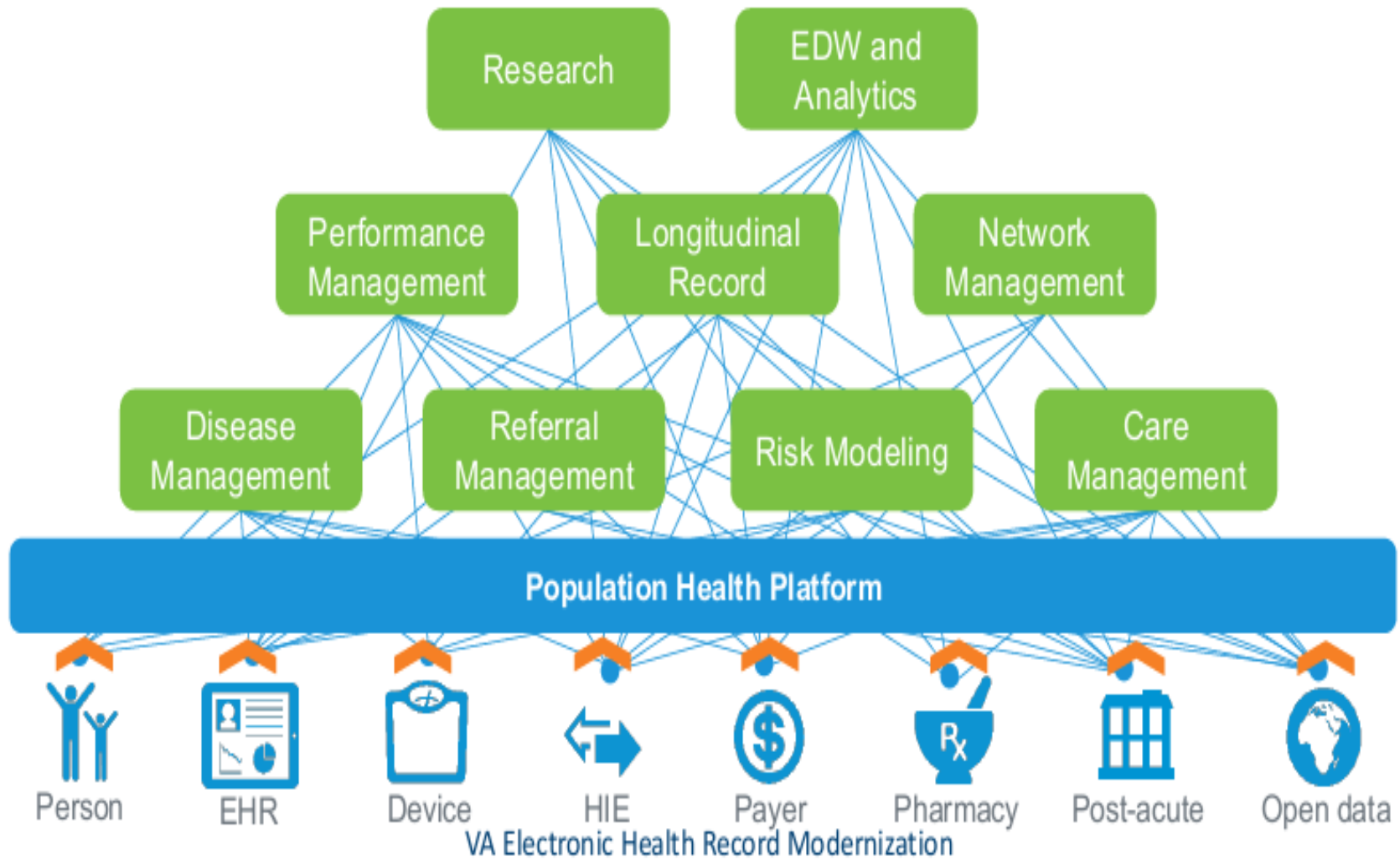
Chief Medical Informatics Officer

Program Management
Officer

Chief Medical Officer

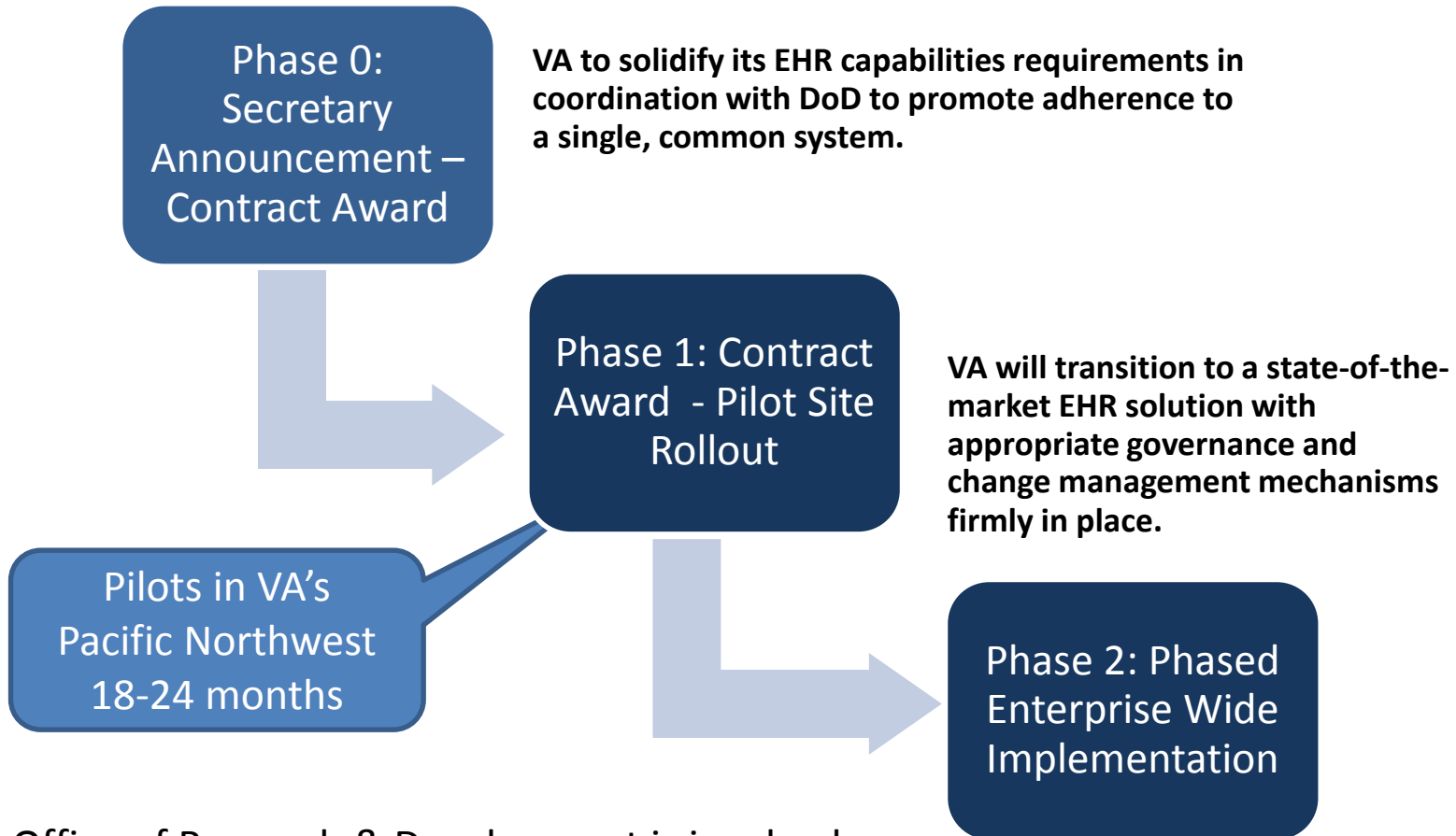
Chief Technology Officer

Data & Technology Strategy



Cerner Phases

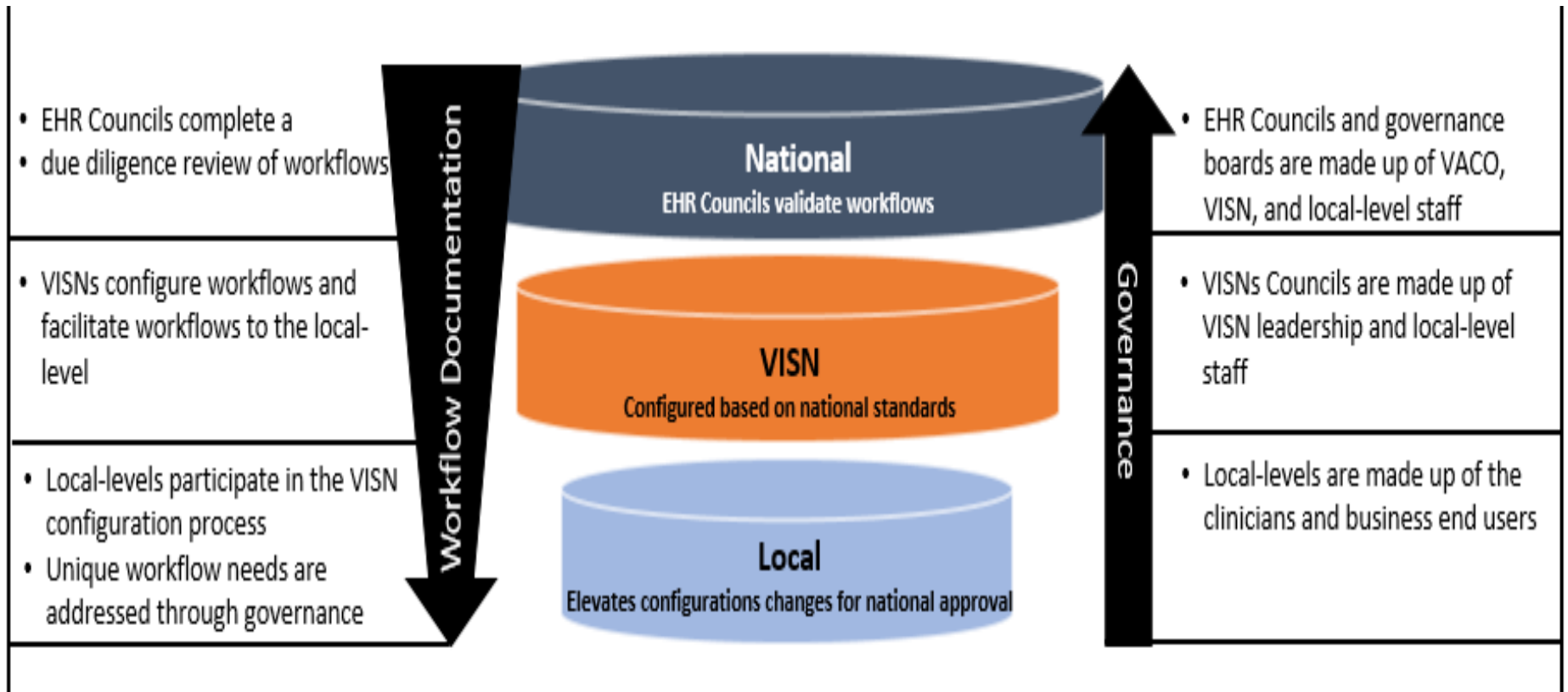
Secretary Shulkin signed a determination and findings (D&F) document, authorizing VA to negotiate directly with Cerner for the acquisition of an EHR system in support of seamless care with DoD.



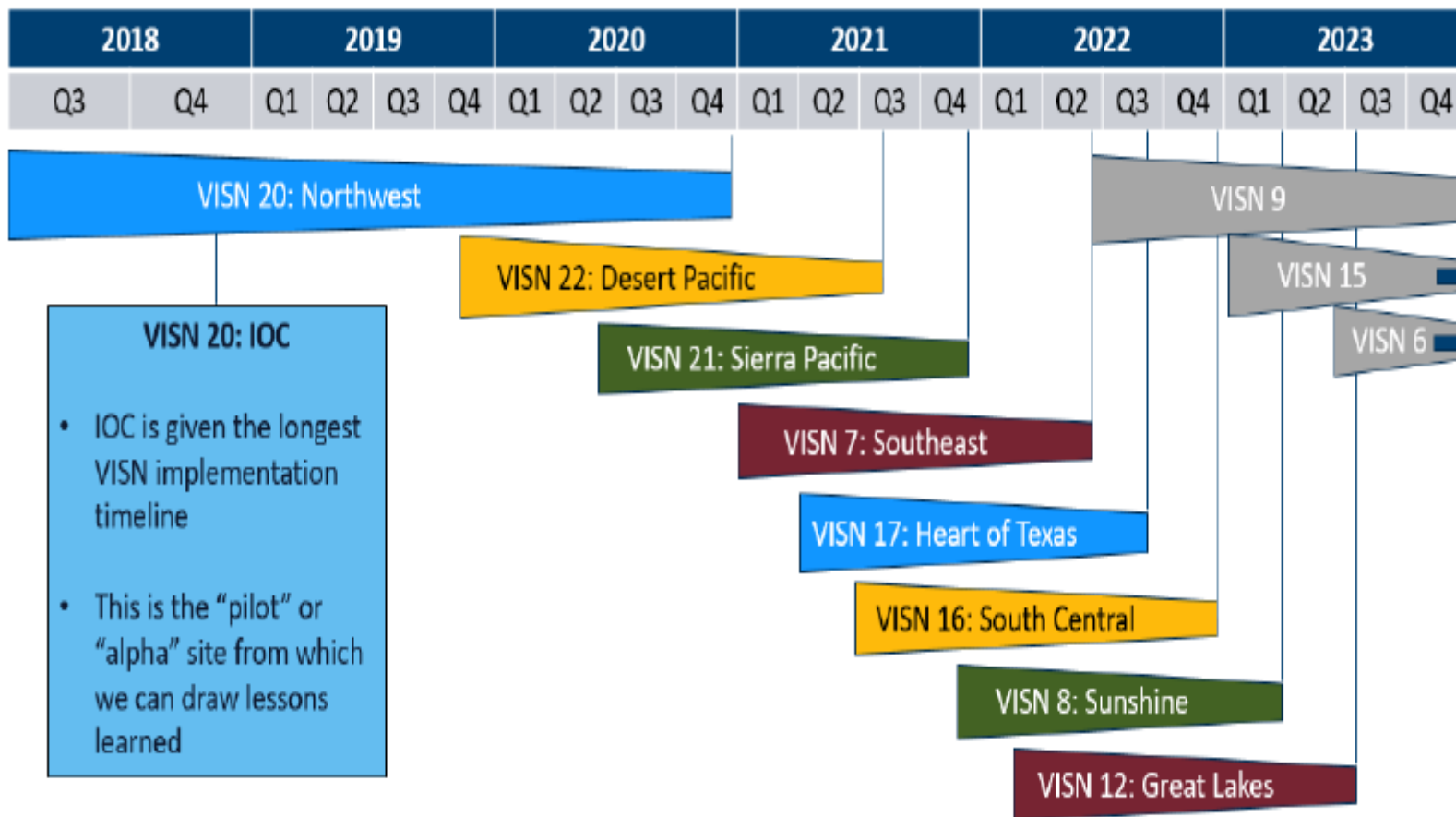
VHA Office of Research & Development is involved to assure VA investigators will continue having access to longitudinal veteran data for research purposes

Workflow Review Process

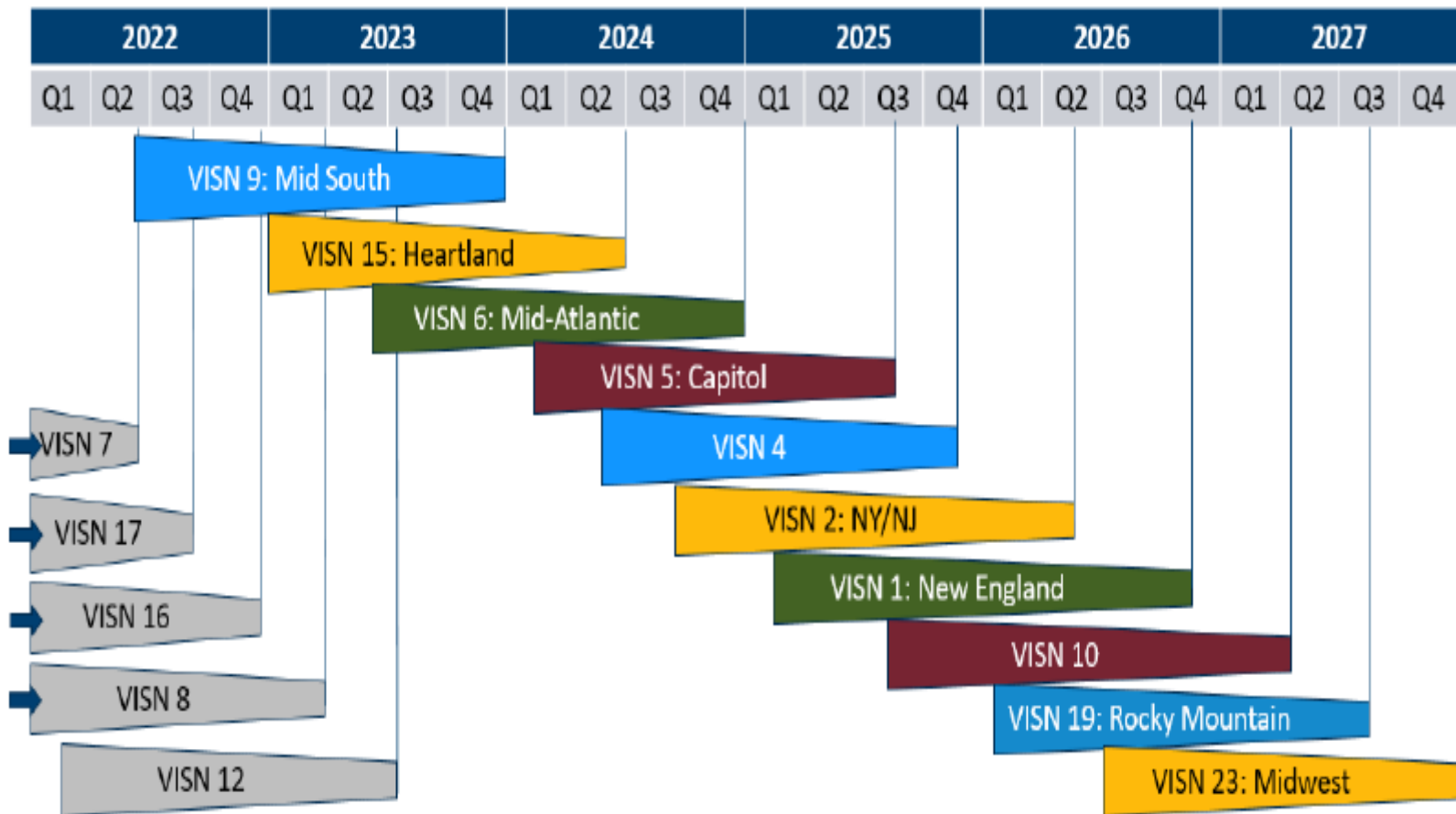
The EHRCs review and design workflows which at a national level, but the impacts are felt across the enterprise:



Extensive involvement at National, VISN and Local levels



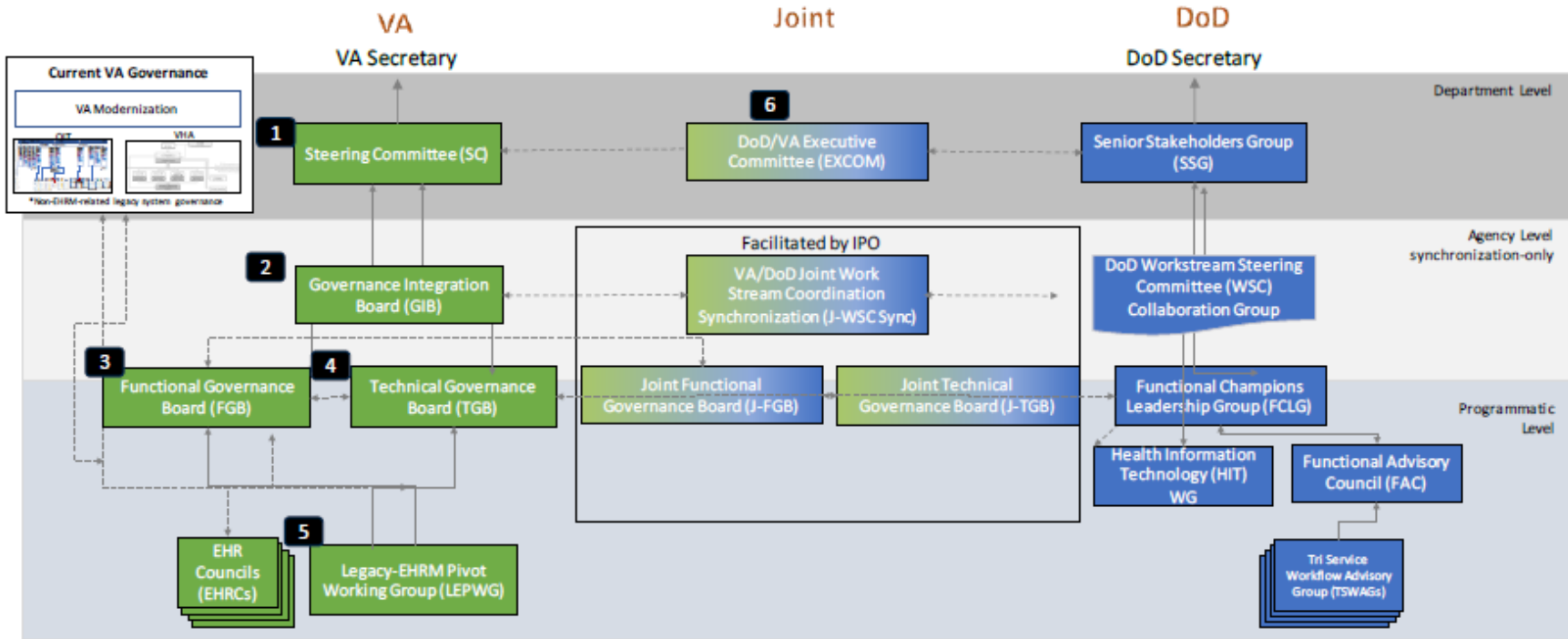
*Subject to change



*Subject to change

Background

Interagency Governance



**Interoperability Focused
Structure and Charters Effective Until October 1, 2018**

VA EHR Capability Requirements

Access Management

	VA
Eligibility Management	✓
Master Person Index	✓
Registration	✓
Scheduling	✓

Acute Care Delivery

	VA
Computerized Physician Order Entry	✓
Infection Control	✓
Medication Administration Record	✓
Nursing Care	✓
Physician Documentation (with Voice Recognition (Dragon))	✓

Ambulatory

	VA
Ambulatory Referral Management	✓
<i>Discern nCode</i> [®] (Computer Assisted Coding)	✓
<i>PowerChart Ambulatory</i> [™]	✓
Practice Management: Pt Accounting	✓
Practice Management: Reg & Sched	✓

Behavioral Health

	VA
Behavioral Health: Acute Care	✓
Behavioral Health: Ambulatory	✓

CareAware & Device Connectivity

	VA
iBus Device Connectivity	✓
Manager Driver Library License	✓

Cardiology

	VA
<i>PowerChart Cardiovascular</i> [™]	✓
<i>PowerChart ECG</i> [™]	✓

Access Management

	VA
Eligibility Management	✓
Master Person Index	✓
Registration	✓
Scheduling	✓

Acute Care Delivery

	VA
Computerized Physician Order Entry	✓
Infection Control	✓
Medication Administration Record	✓
Nursing Care	✓
Physician Documentation (with Voice Recognition (Dragon))	✓

Ambulatory

	VA
Ambulatory Referral Management	✓
<i>Discern nCode</i> [®] (Computer Assisted Coding)	✓
<i>PowerChart Ambulatory</i> [™]	✓
Practice Management: Pt Accounting	✓
Practice Management: Reg & Sched	✓

Behavioral Health

	VA
Behavioral Health: Acute Care	✓
Behavioral Health: Ambulatory	✓

CareAware & Device Connectivity

	VA
iBus Device Connectivity	✓
Manager Driver Library License	✓

Cardiology

	VA
<i>PowerChart Cardiovascular</i> [™]	✓
<i>PowerChart ECG</i> [™]	✓

Access Management

	VA
Eligibility Management	✓
Master Person Index	✓
Registration	✓
Scheduling	✓

Acute Care Delivery

	VA
Computerized Physician Order Entry	✓
Infection Control	✓
Medication Administration Record	✓
Nursing Care	✓
Physician Documentation (with Voice Recognition (Dragon))	✓

Ambulatory

	VA
Ambulatory Referral Management	✓
<i>Discern nCode</i> [®] (Computer Assisted Coding)	✓
<i>PowerChart Ambulatory</i> [™]	✓
Practice Management: Pt Accounting	✓
Practice Management: Reg & Sched	✓

Behavioral Health

	VA
Behavioral Health: Acute Care	✓
Behavioral Health: Ambulatory	✓

CareAware & Device Connectivity

	VA
iBus Device Connectivity	✓
Manager Driver Library License	✓

Cardiology

	VA
<i>PowerChart Cardiovascular</i> [™]	✓
<i>PowerChart ECG</i> [™]	✓

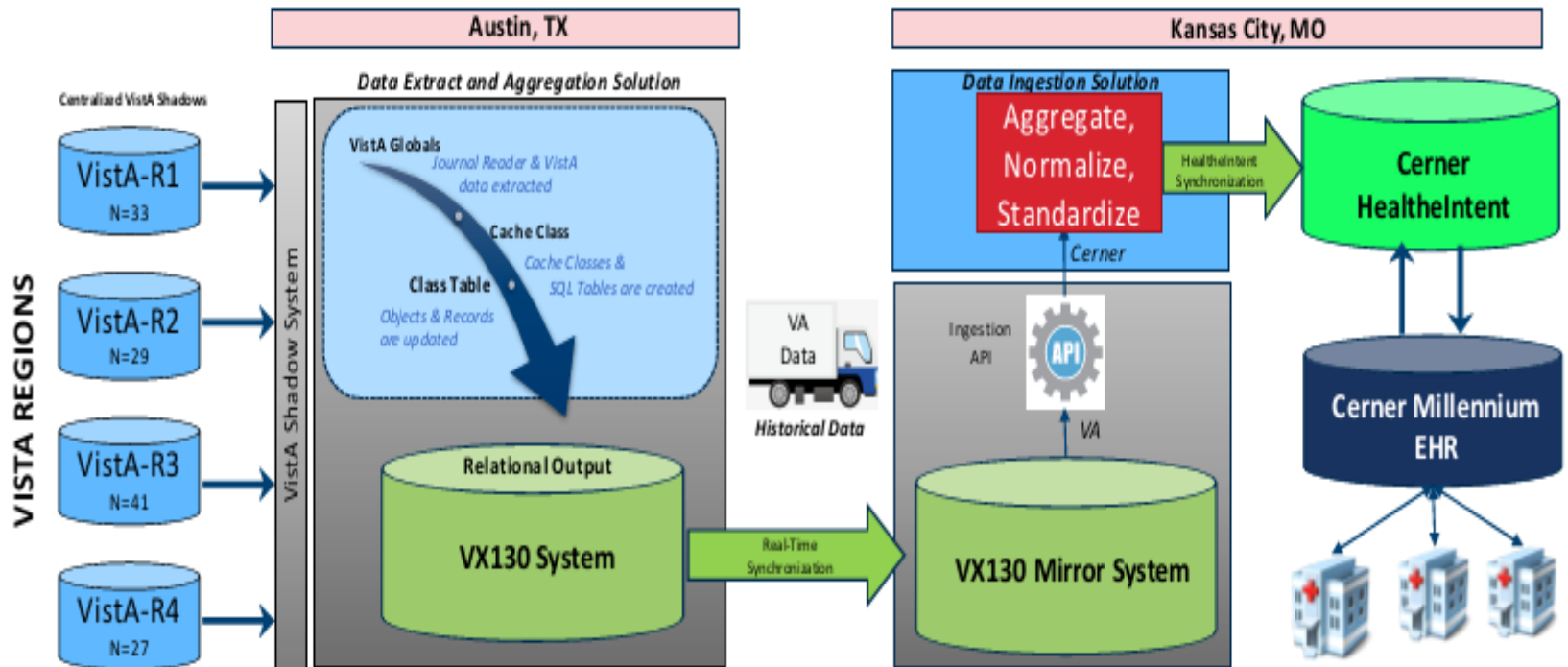
VA EHR Capability Requirements

Laboratory			Point of Care & Mobility		
		VA			VA
Anatomic Pathology (Millennium)		✓	Barcode Medication Administration		✓
Anatomic Pathology (CoPathPlus)			Bedside Transfusion Management		✓
Anatomic Pathology RFID Tracking		✓	CareAware Connect™		✓
PathNet®: General Laboratory		✓	Handheld Specimen Collection		✓
PathNet: Helix		✓	POC Device Integration		✓
PathNet: HLA		✓	PowerChart Touch™		✓
PathNet: Microbiology		✓	Population Health & Analytics		
PathNet: Transfusion		✓			VA
Oncology			HealthAnalytics SM		✓
		VA	HealthAnalytics: Revenue Cycle		✓
PowerChart Oncology™		✓	HealthCare SM		✓
Patient Accounting			HealthDataLab		✓
		VA	HealthEDW SM		✓
Patient Accounting		✓	HealthRecord SM		✓
Perioperative			HealthRegistries SM		✓
		VA	Quality & Performance Improvement		
Anesthesia		✓			VA
AORN Syntegrity Content		✓	Quality Outcomes		✓
SurgiNet®: Perioperative Nursing Management		✓	Regulatory Reporting		✓
SurgiNet: Surgery Case Tracking		✓	Radiology		
SurgiNet: Surgery Management		✓			VA
Tissue and Implant Management		✓	ACR Select		✓
Pharmacy			Integrated Digital Dictation		✓
		VA	RadNet®: Mammography Management		✓
ePrescribe		✓	RadNet: Radiology Information System		✓
Multum Drug Database		✓	Research		
PharmNet®: Inpatient Pharmacy		✓			VA
PharmNet: Outpatient Pharmacy		✓	Health Facts®		✓
Prescription Drug Monitoring Program		✓	PowerTrials®		✓
			Supply Chain		
					VA
			Clinical Supply Chain		✓
			Point of Use		✓
Support Services					
					VA
Application Management Services					✓
Remote Hosting					✓
System Access					
					VA
724 Access® Downtime Viewer					✓
P2Sentinel™					✓
Single Sign-On					✓
Skybox™ Mobility					✓
Transaction Services					
					VA
Address Validation					✓
Automated Messaging					✓
Claims Management					✓
Contract Management					✓
Electronic Prior Authorization					✓
Eligibility Verification					✓
Letters					✓
Medical Necessity					✓
Patient Statements					✓
Transplant					
					VA
OTTR Complete Cellular					✓
OTTR Complete Organ					✓
Women's Health					
					VA
FetaLink: Fetal Monitoring					
PowerChart Maternity™: Acute					✓
PowerChart Maternity: Ambulatory					✓
Workforce & Operations					
					VA
Asset Management					✓
Capacity Management					✓
Demand Management					✓
Patient Driven Acuity					✓
Workforce Management					✓



Legacy Data Migration Summary View

From VISNs to Vx130 Shadow System



FROM VistA → VistA Shadows → VA VistA Globals → Cache Objects → VX130 Cache DB → KC VX130 Mirror → HealthIntent → Millennium

TO

VA Electronic Health Record Modernization