



Insights from the US Department of Veterans Affairs

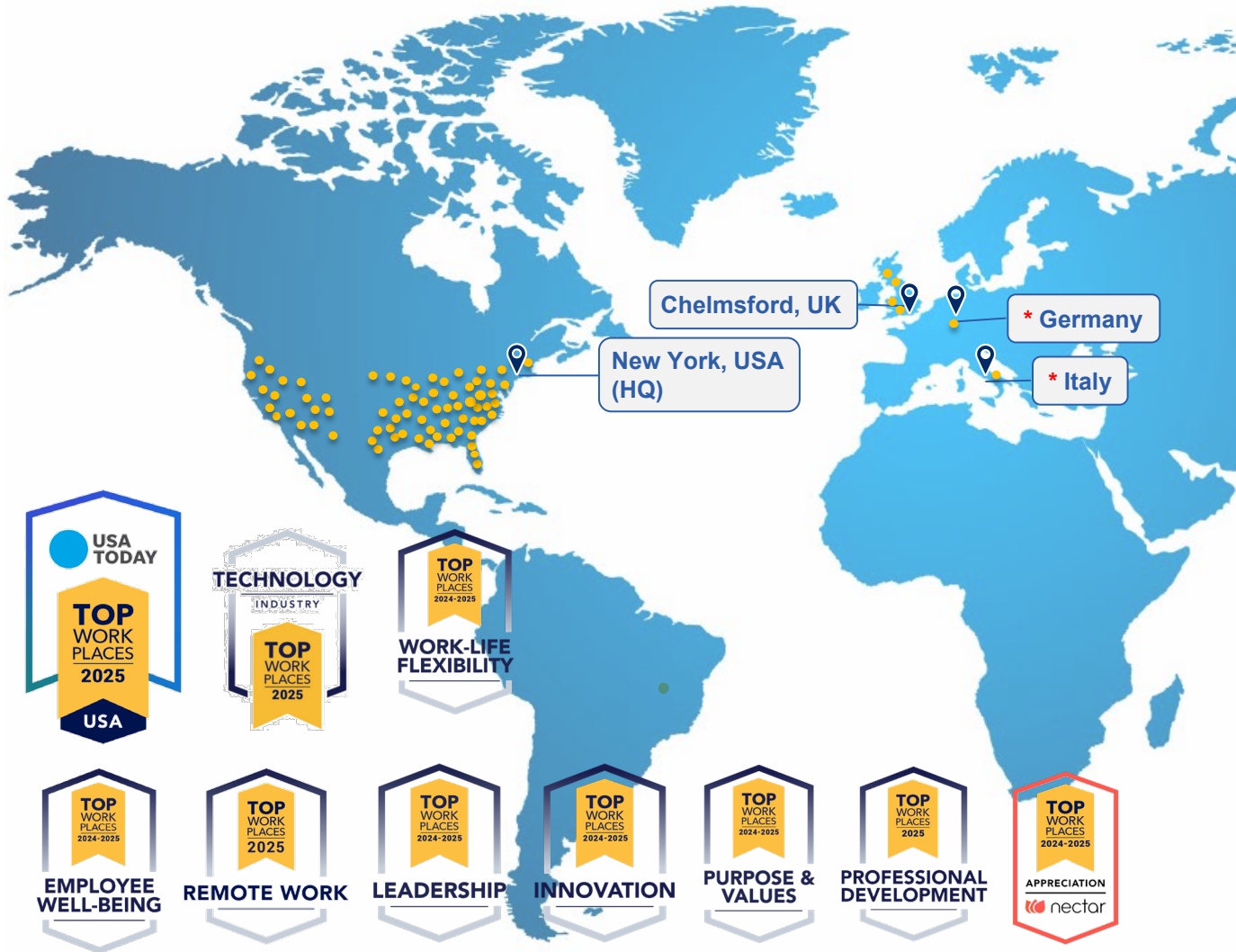
16 September 2026



Agenda

- Who is Ready Computing?
- What work was performed at the VA?
- How does this apply to the NHS?

A global team



170+ staff
worldwide

InterSystems
Elite Partner

Active Members
of HL7, IHE, GS1, and
other standards
organizations

Headquartered in the US
with a subsidiary in the
UK and two planned
subsidiaries in the EU

Deep experience in
public and private
sectors

24/7 client support in
the local language and
time zone

* Planned for 2027

Experience across different markets, sectors, and industries



U.S. Department of Veterans Affairs

Over 130 federated VistA instances providing a unified view of veterans' health records



Georgia Health Information Exchange

Statewide-connected clinical, housing services, mental health, and justice data



Lavazza Coffee

Supply chain process analysis and integration specifications for electronic ordering with Amazon, Publix, and Roundy's



Staten Island PPS + Healthfirst

New York Medicaid programs focused on hotspotting the opioid epidemic and social needs



Unite Us

Strategic partnership for community care coordination in New York and other US states



National Health Service UK

A proven interoperability and care coordination model, adapted for the UK market

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Two Key Initiatives: Supply Chain and Veteran Health Record

Supply Chain Management DevSecOps (SCM)



- **End-to-End Connection of 4 Key Domains:** Integration across clinical, financial, purchasing, and fulfillment systems.
- **Elimination of Manual Processes:** Drastic reduction of disconnected, manual data movement across logistics, acquisition, and finance.

- **API Integration and Data Fabric:** Development of integration platforms, data sets, and APIs supporting microservices.
- **Foundation for the VALIP Platform:** Establishment of enterprise integration patterns that informed VALIP's evolution

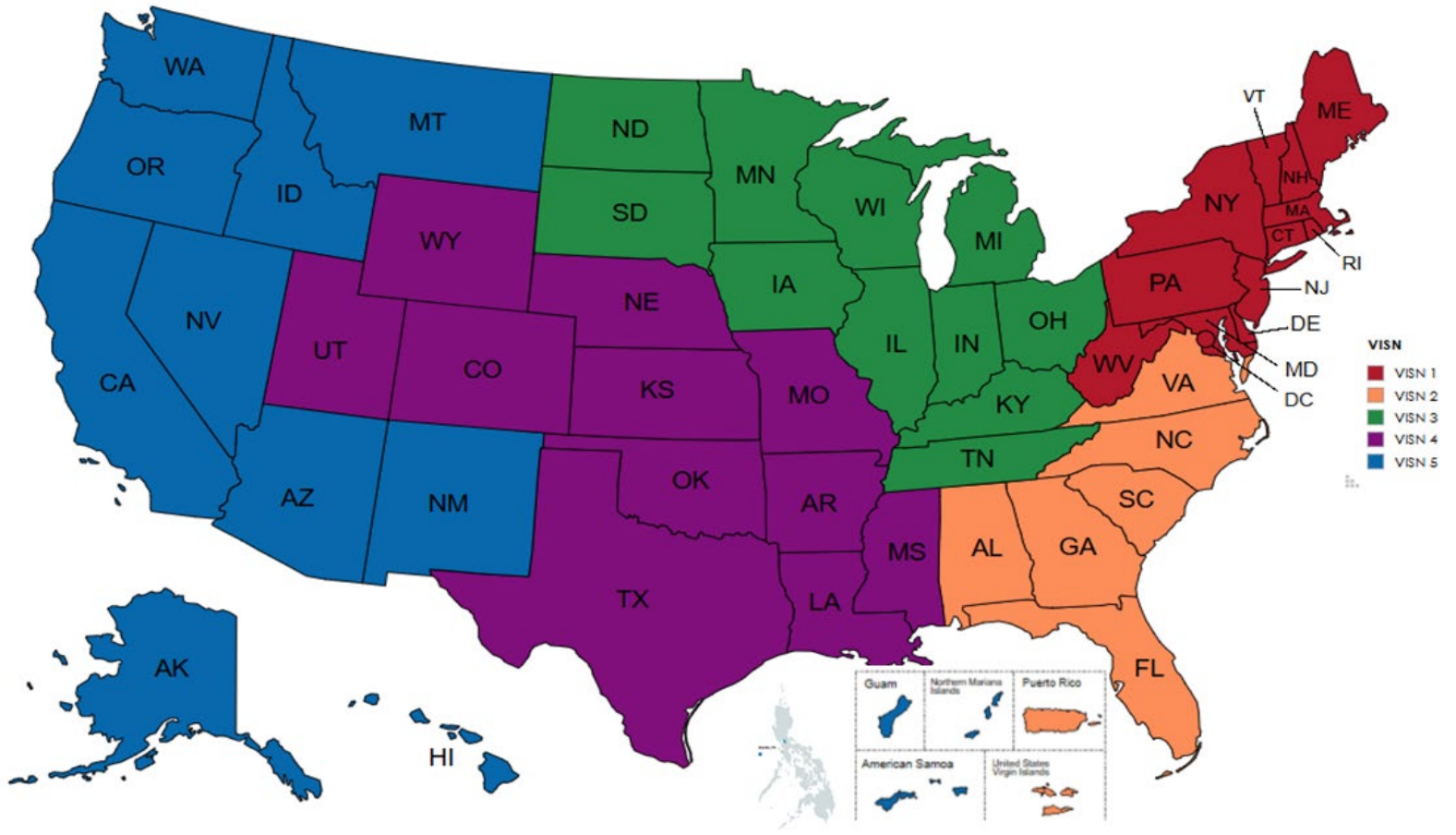
Veterans Data Integration and Federation (VDIF) Health Data Management (HDM)



- **11.5 Million Clinical Records:** Stored securely in HealthShare
- **1.4 Billion Transactions/Month:** High-volume data exchange operated at national scale.
- **>200 Million Health Summaries:** Securely shared with community care providers and federal partners.
- **99.999% Uptime & 0 High-Priority Incidents (HPIs):** Sustained using Ready Computing's Wellbase monitoring platform.
- **130+ Unified VistA Systems:** Successfully integrated legacy systems with the modern Oracle Cerner EMR platform.

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VDIF: A National Health Information Exchange



- VDIF Enterprise Platform: is a **centralized HealthShare instance** in VA's AWS Cloud
- A **dedicated IRIS for Health instance in each region** handles message routing
- **Existing VA Assets** – such as the Master Veteran Index and the Terminology Service – **are leveraged by HealthShare**
- Through the Joint HIE Gateway, **VDIF interacts with** the Department of War, Centers for Disease Control, and **other government agencies**

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Scalability at All Levels



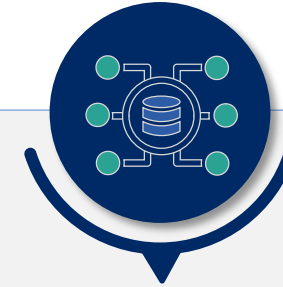
Scalable Design

A project of this size requires a highly-scalable design capable of immense growth



Scalable Teams

Parallel teams own different workstreams that come together in project sprints



Scalable Deployment

The deployed system must accommodate increased usage as user adoption increases

Governed by Scaled Agile Framework (SAFe) methodology, our delivery approach connects strategy with execution, ensuring high team coordination, fast deployment, and uncompromised solution accuracy.

IRIS for Health + HealthShare + Wellbase

The right technology for the job

Superior Data Integration and Management

- **IRIS for Health** for data integration
- **HealthShare** for record composition
- **HL7 v2/v3, CDA, FHIR, X12**, and others



Asset Reusability

- **Extensible Framework** for maximum reusability of existing assets
- **Modernization Plan** for peak adoption

Open, Flexible Architecture

- **Operational Data Store** for summary generation
- **API-first Design** with backend microservices

Secure Managed Cloud

- **FedRAMP-certified Cloud** using AWS
- **Continuous Monitoring** for early detection
- **Intelligent Guidance** for response coordination

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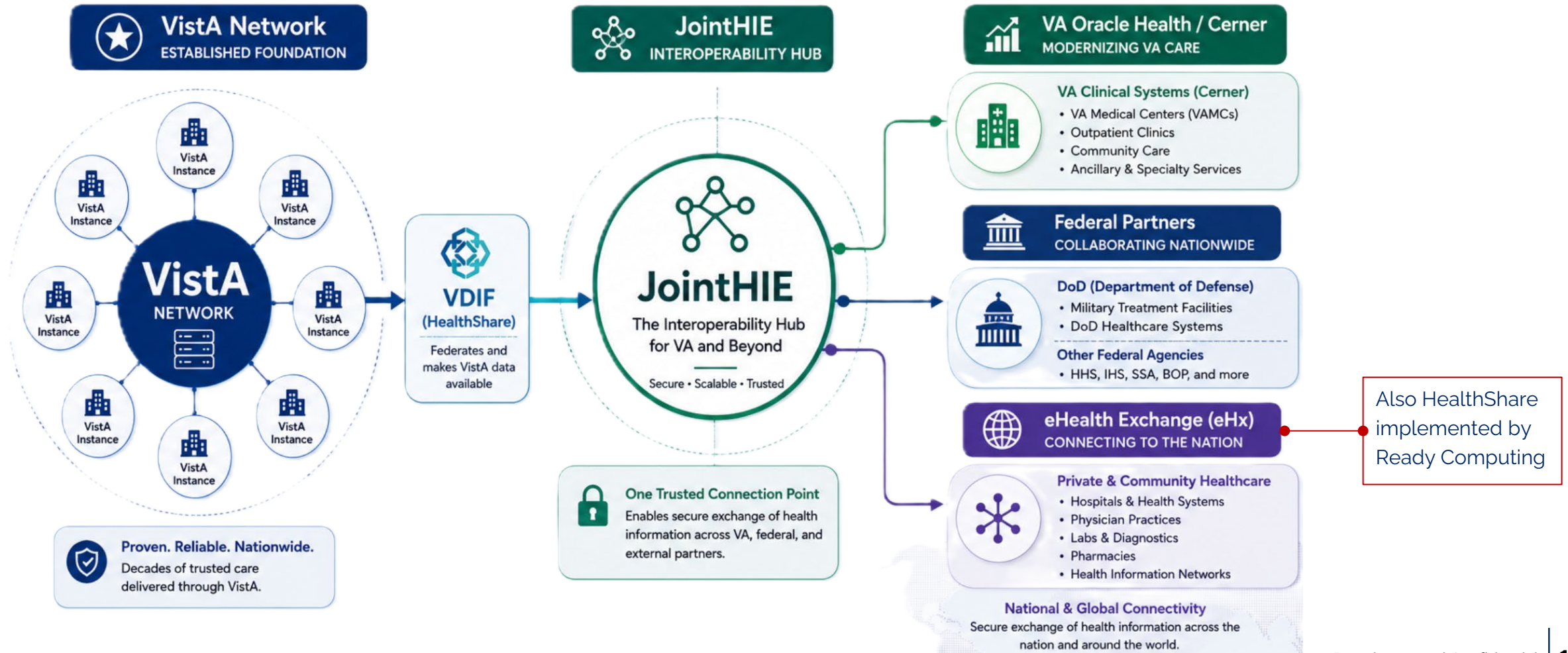
Scalable Scrum Teams



Concurrent workstreams running at all times, coordination through central program management office

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Coordinating Across and Outside the Enterprise



Relevance to the National Health Service

Applying similar approaches to the NHS 10-year plan



Integrated Care

Connect information across clinical and social care settings and organizational boundaries



Population Health

Bring together data to support prevention, planning, and population-level insight



Single Patient View

Create a more complete longitudinal view of the patient across existing systems



Incremental Modernization

Leverage existing technology rather than requiring wholesale system replacement



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