



VA
HEALTH
CARE

Defining
EXCELLENCE
in the 21st Century

VISTA Adaptive Maintenance
Veteran Integrated Cloud Services
Project V18-00154-000
Office of Information Technology
U.S. Department of Veterans Affairs
Architect: Rafael Richards MD MS

Veteran Integrated Care Services (VICs)

***Providing Centralized Cloud-based Continuity of
Care during EHR modernization and beyond***

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Continuity of Care during EHR modernization

From 130 VISTAs to Centralized Cloud-based Veteran Integrated Care Services (VICS)



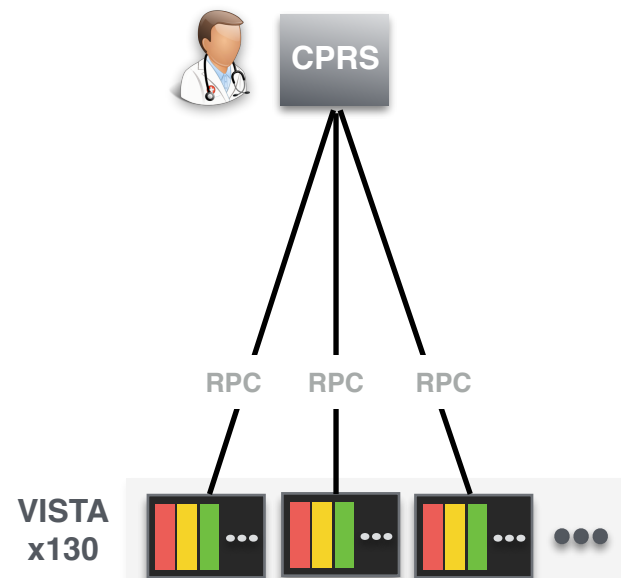
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VISTA Current State

Decentralized Care across 130 VISTAs

Today, care is delivered in VA using the CPRS user interface, which relies on 130 unique decentralized VISTA systems for its functionality via remote procedure calls (RPCs).

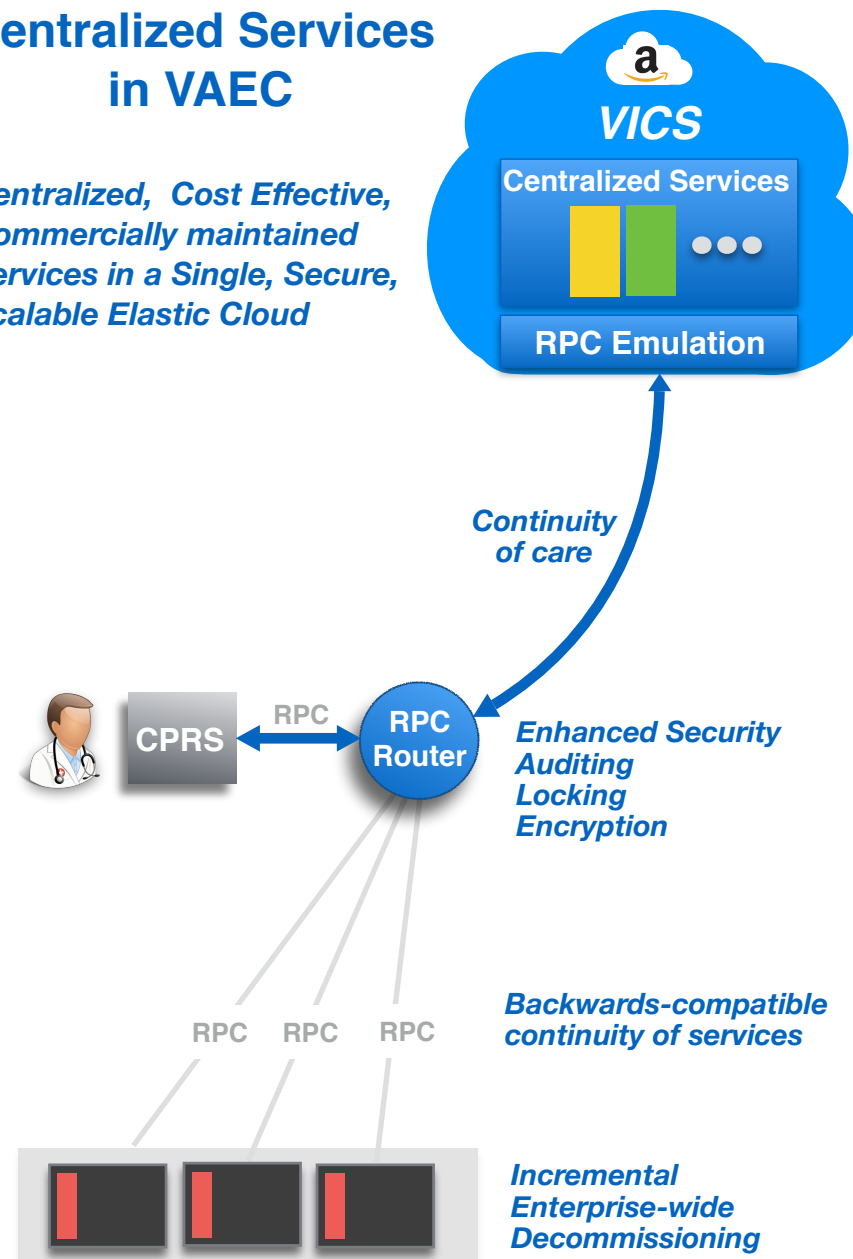


VISTA is comprised of many functional domains (colored bars) integrated within a single database (black).

VISTA Adaptive Maintenance

Centralized Services in VAEC

Centralized, Cost Effective, Commercially maintained Services in a Single, Secure, Scalable Elastic Cloud



VISTA Adaptive Maintenance

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Initial Operating Capability: Q1 2020

- Minimized Maintenance**

Deployed and managed using COTS tools available on Federally-approved Commercial Clouds.

- Continuity of Care**

CPRS continues to work unchanged using the centralized services (via RPC Emulation) providing backwards-compatible continuity of care during centralization and decommissioning.

- Enhanced Security**

VISTA interfaces are fully audited, locked down, and all traffic encrypted via interception and grooming provided by the RPC Router.

- Incremental Decommissioning**

As functionality (colored bars) is incrementally centralized to the cloud following VA priorities, the corresponding functionality across **all 130 VISTA systems may be safely decommissioned enterprise-wide, with no loss of continuity of care.**

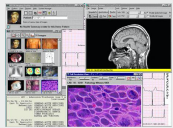
Veteran Integrated Care Services

*Enables Cloud-based, COTS-integrated
National Veteran Care Services while
Preserving Continuity of Care*

Supports the current...

Enables the new...

Clients



CPRS



JLV



VPR



**Web Mobile
COTS**

**Current and
New Clients**

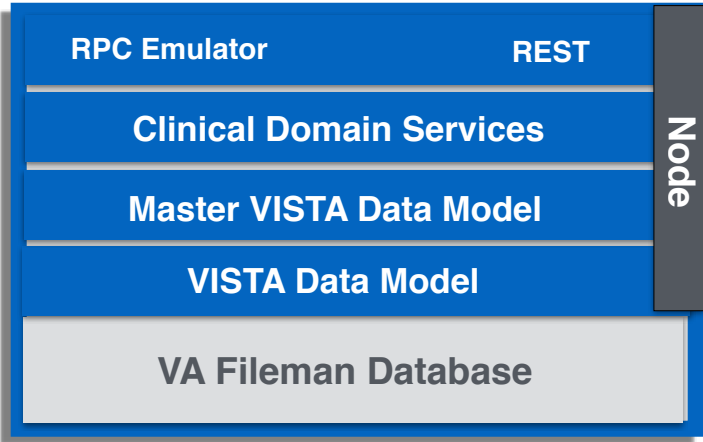
*Security
Enhanced*

*Veteran
Care Specifics
maintained*

VICS

*Secure
Symmetric
Modern Node.js
Model-driven
Interface*

**VICS
Server**



**New, Structured VISTA Server
(mainstream, modular, easily interfaced)**

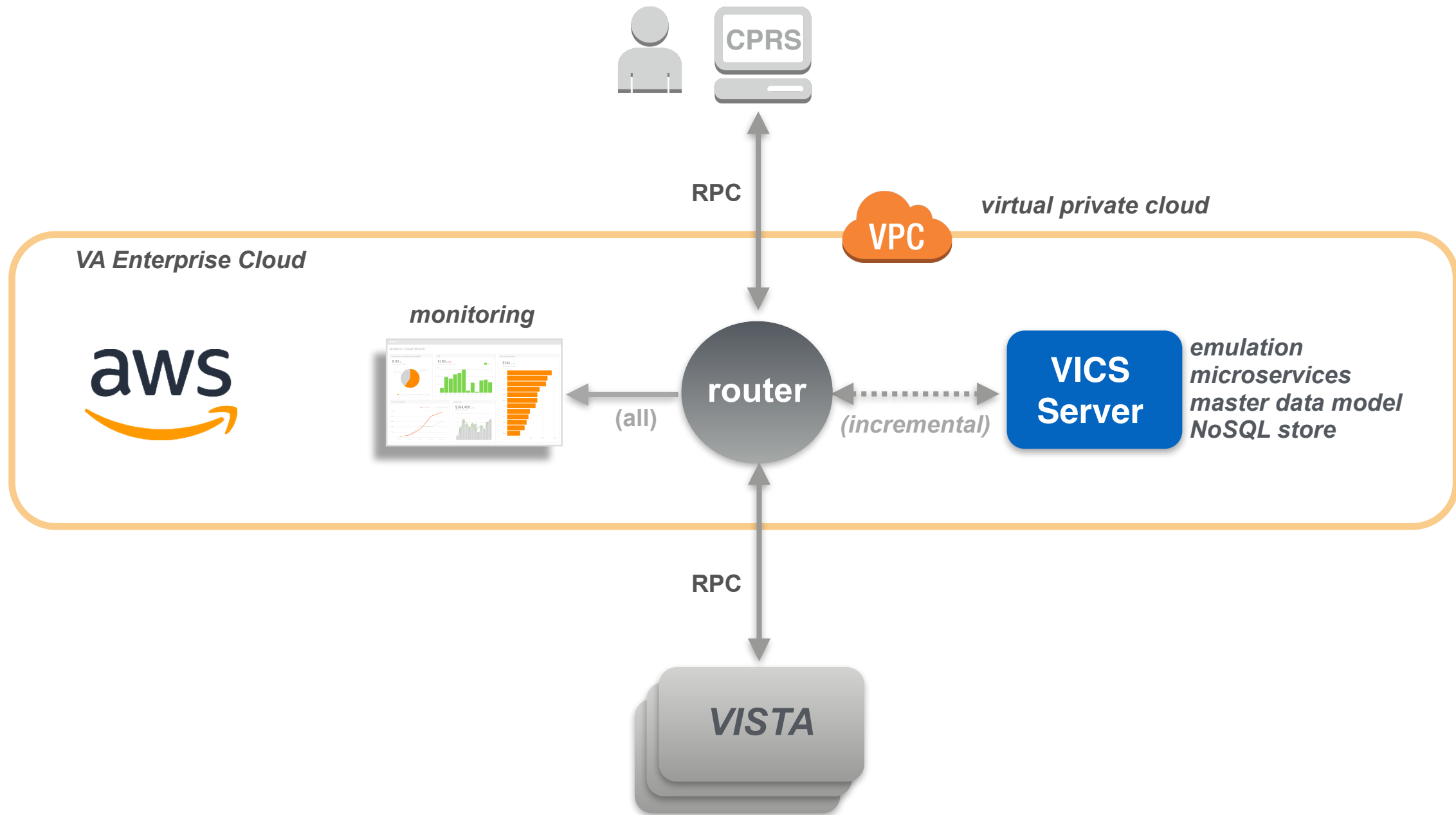


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Veteran Integrated Care Services

*Certified and in production use in
VA Enterprise Cloud in AWS GovEast*



Veteran Integrated Care Services

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From 130 VISTAs to Single Integrated Cloud Service

*Centralizes 130 VISTA system functionality to **integrated cloud services**.*



Federally-Certified Commercial Cloud solution

- * *Highest security and availability in the industry*
- * *No infrastructure to maintain*



Preserves VA and Veteran-specific services

- * *These are not available in generic COTS EHR / ERP solutions*
- * *No disruption of VA- or Veteran-specific services*



Enterprise-wide VISTA retirement

- * *Retires functionality across all VISTAs enterprise-wide (not one-by-one)*
- * *No residual and redundant technology to maintain*



Minimizes cost of VISTA maintenance

VA leadership stated to Congress in 2017 that operating VISTA unchanged for the next ten years would cost \$19 Billion. Centralized cloud services with VistA adaptive maintenance (VAM) eliminates much of this cost.