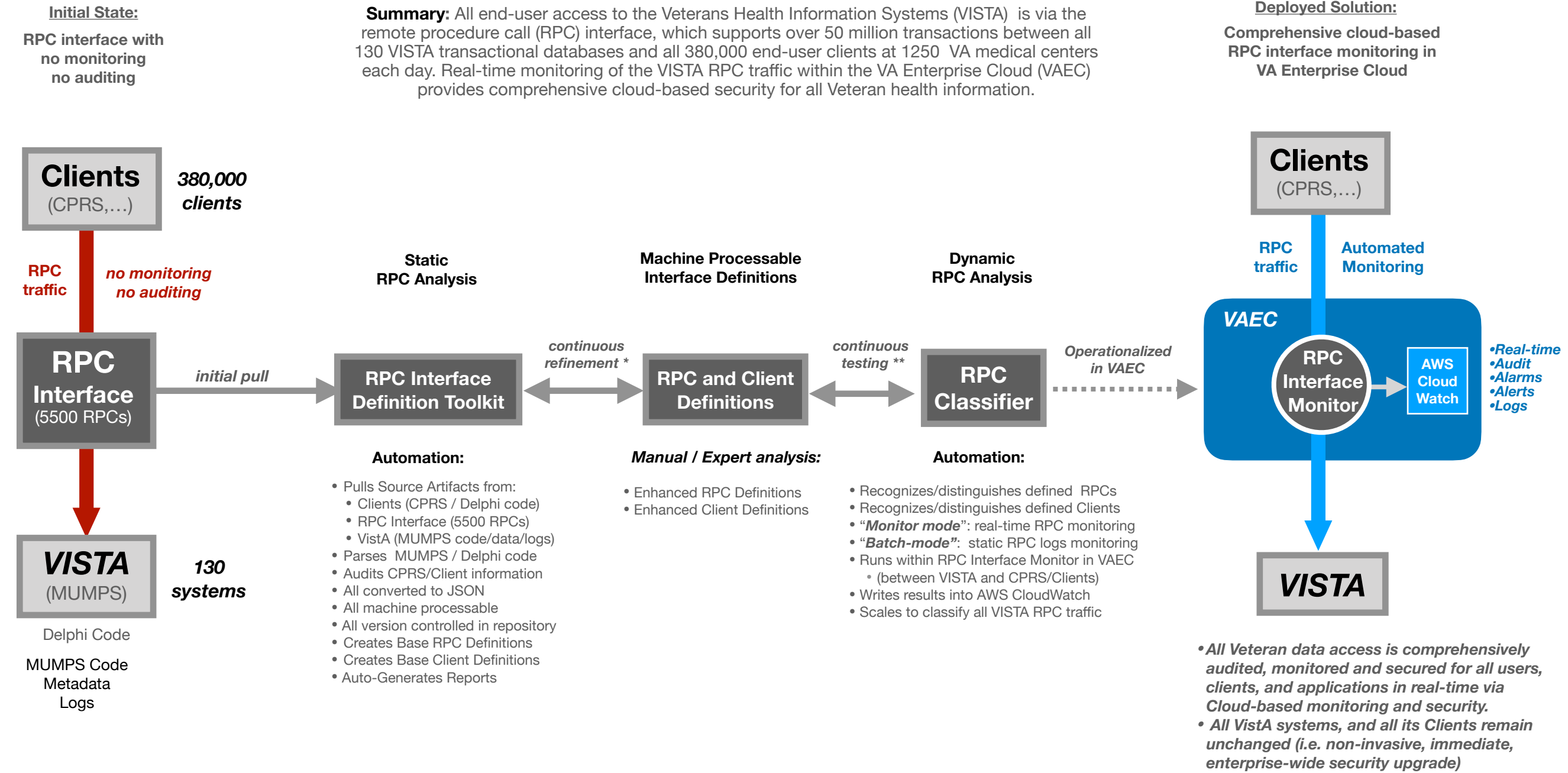


Veteran Health Cloud Data Security

TECHNICAL SUMMARY



* RPC and Client Definitions

DATA SCOPE	types, categories, volumes of data accessed: type, parameters, indexes RPC access and changes. Vista: filename, property, package (application)
ACTIONS	READ, WRITE; AUTHENTICATION; UTILITY; PATIENT vs NON-PATIENT; NON-SPECIFIC
SENSITIVITY	Access or index PII (vs non-PII) "Patient RPC" Patient context
CLIENT TYPES and USAGE	Client type and RPC use: WHO, WHAT, WHEN, and PATTERNS OF USE (legitimate user / rogue user)

** RPC Interface Test Suite

- Manually creating tests for each of the 5,500 RPCs would be extremely time-consuming. Therefore the strategy relies on automated testing based on inspection of data streams produced by VISTA RPC clients (such as CPRS).
- Machine-readable Client RPC Sequences ("Sequences") of typical RPCs as Clients and RPCs are identified and defined using the RPC Interface Definition Toolkit ("Toolkit").
- These Sequences will be continuously run through the RPC Interface Classifier by an RPC Interface Test Suite to ensure that the Classifier properly interprets definitions as they are created.
- A representative template RPC Sequence will be created for stress and volume testing, in parallel with other development tasks.

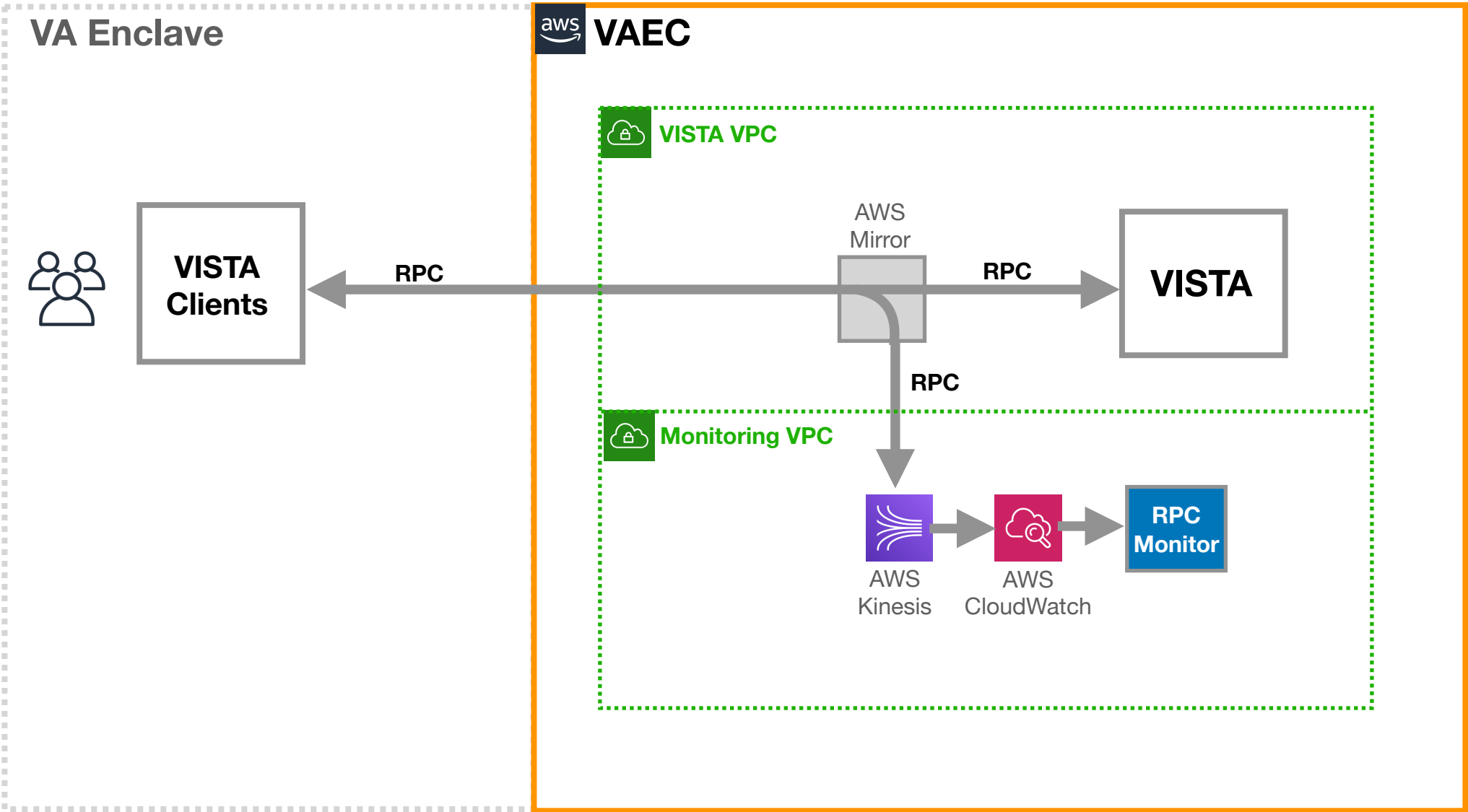
Contract: T4NG-0411
VISTA Adaptive Maintenance
VA Enterprise Cloud Security
TAC: 19-54164

Certification:
U.S. GovCloud: FedRAMP-HIGH
VA: RiskVision (425 controls)
DoD: eMASS (1600+ controls)
NIST: FISMA-HIGH
Commercial: HIPAA

Deployment:
ATO: 2020-01
IOC: 2020-03

Updated: 2021-03

Veteran Health Information Systems Technology Architecture VA Enterprise Cloud Security and Monitoring



VISTA: Veteran Health Information Systems Technology Architecture
VISTA Clients: CPRS, JLV, CAPRI (and 45 others)
RPC: Remote Procedure Call (MUMPS)
VAM: VISTA Adaptive Maintenance
VAEC: VA Enterprise Cloud (U.S. FedRAMP-HIGH)
AWS: Amazon Web Services
VPC: Virtual Private Cloud

Contract:
VA: T4NG-0411
VISTA Adaptive Maintenance
VA Enterprise Cloud Security
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