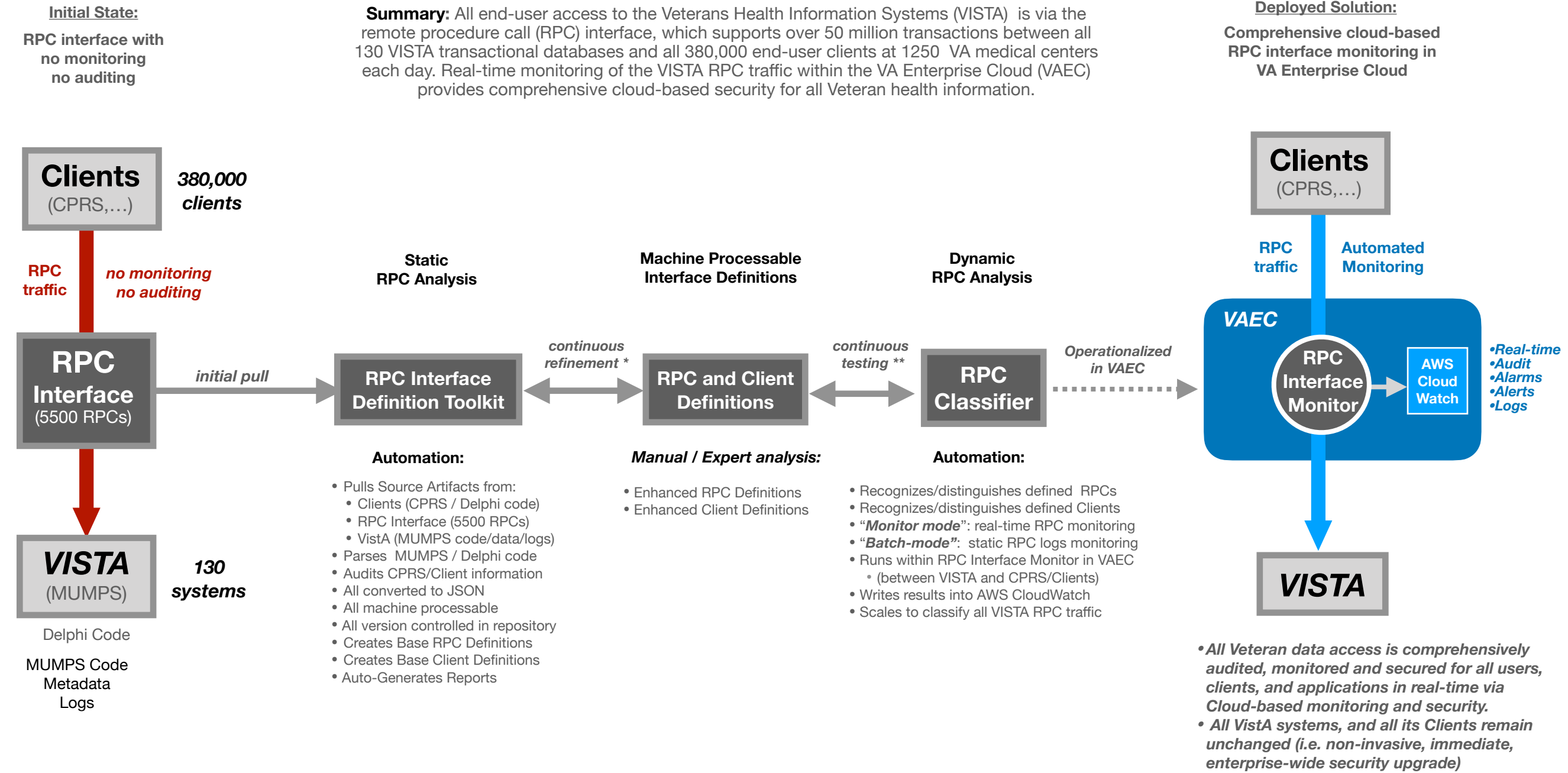


Veteran Health Cloud Data Security

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

<ul style="list-style-type: none">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