

OSEHRA INNOVATION WEBINAR SERIES

Today's Presentation:
FHIR® on VistA
Open Source Project



Thank you for joining. This presentation will begin shortly.

March 19, 2019

Welcome to the March Innovation Webinar

FHIR® on VistA Open Source Project



Brian Morgan
Senior Director, Chief Technologist
Perspecta



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Digital Services Tech Lead
Perspecta

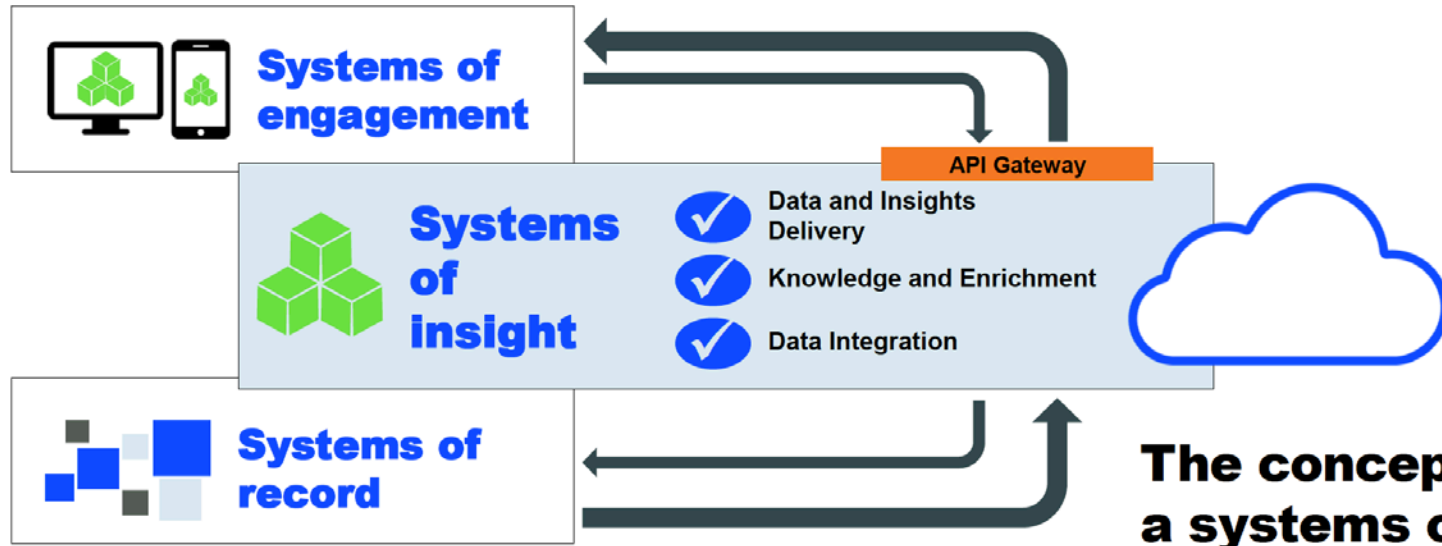
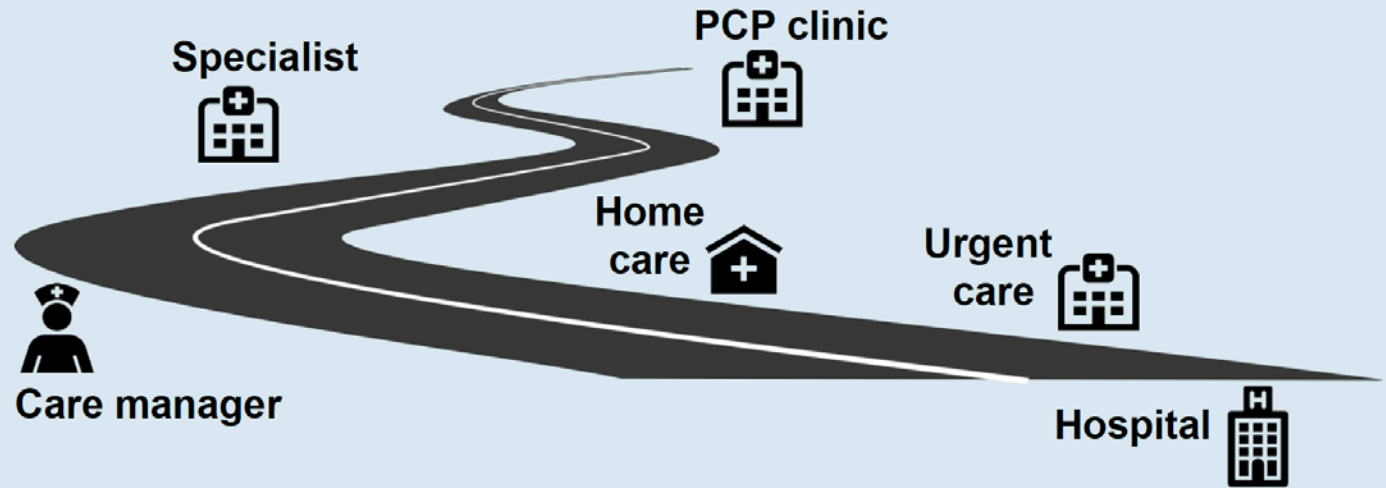
Agenda

Background

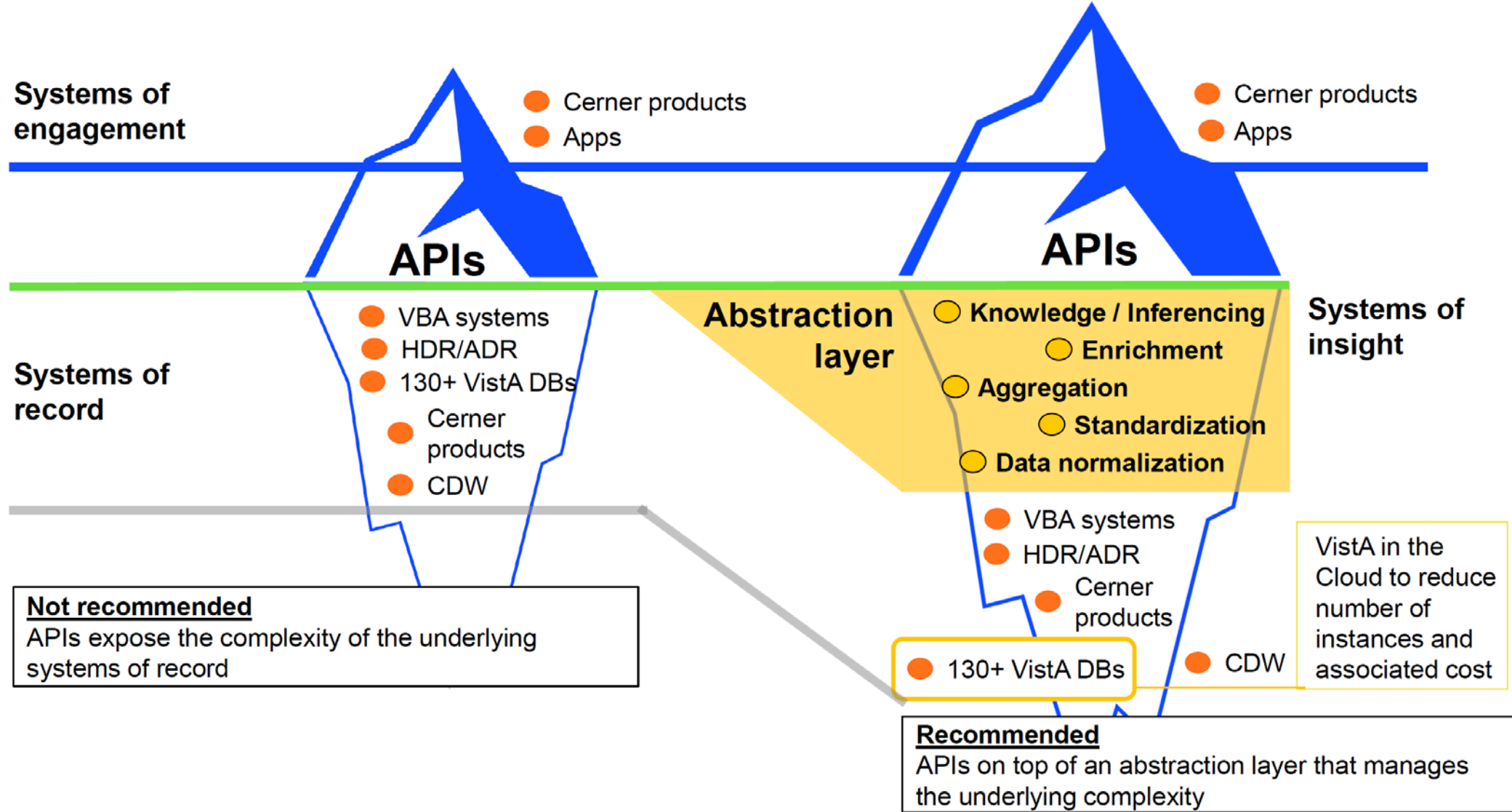
Technologies

Roadmap

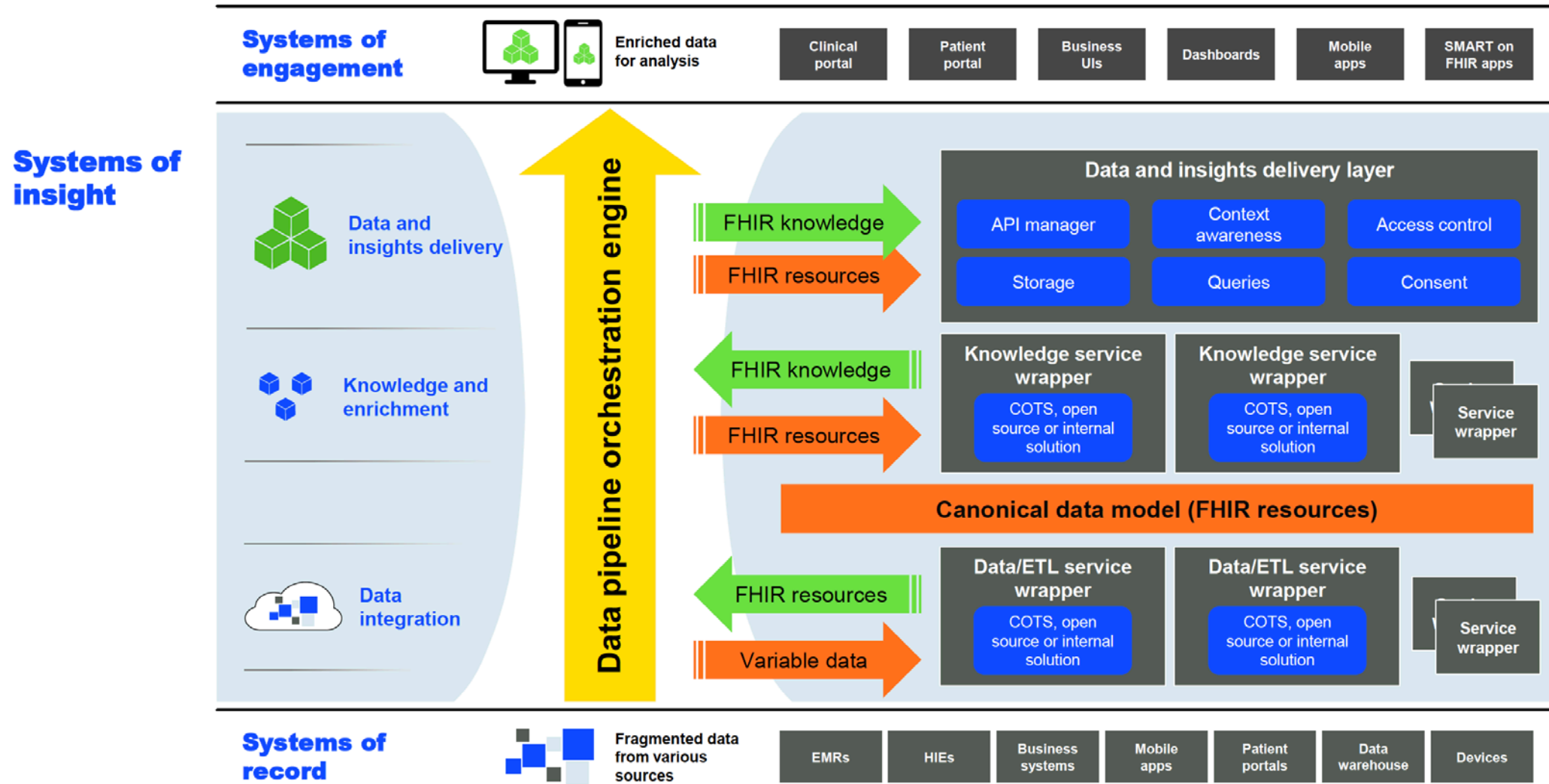
**The problem:
fragmented,
unstandardized
healthcare data**



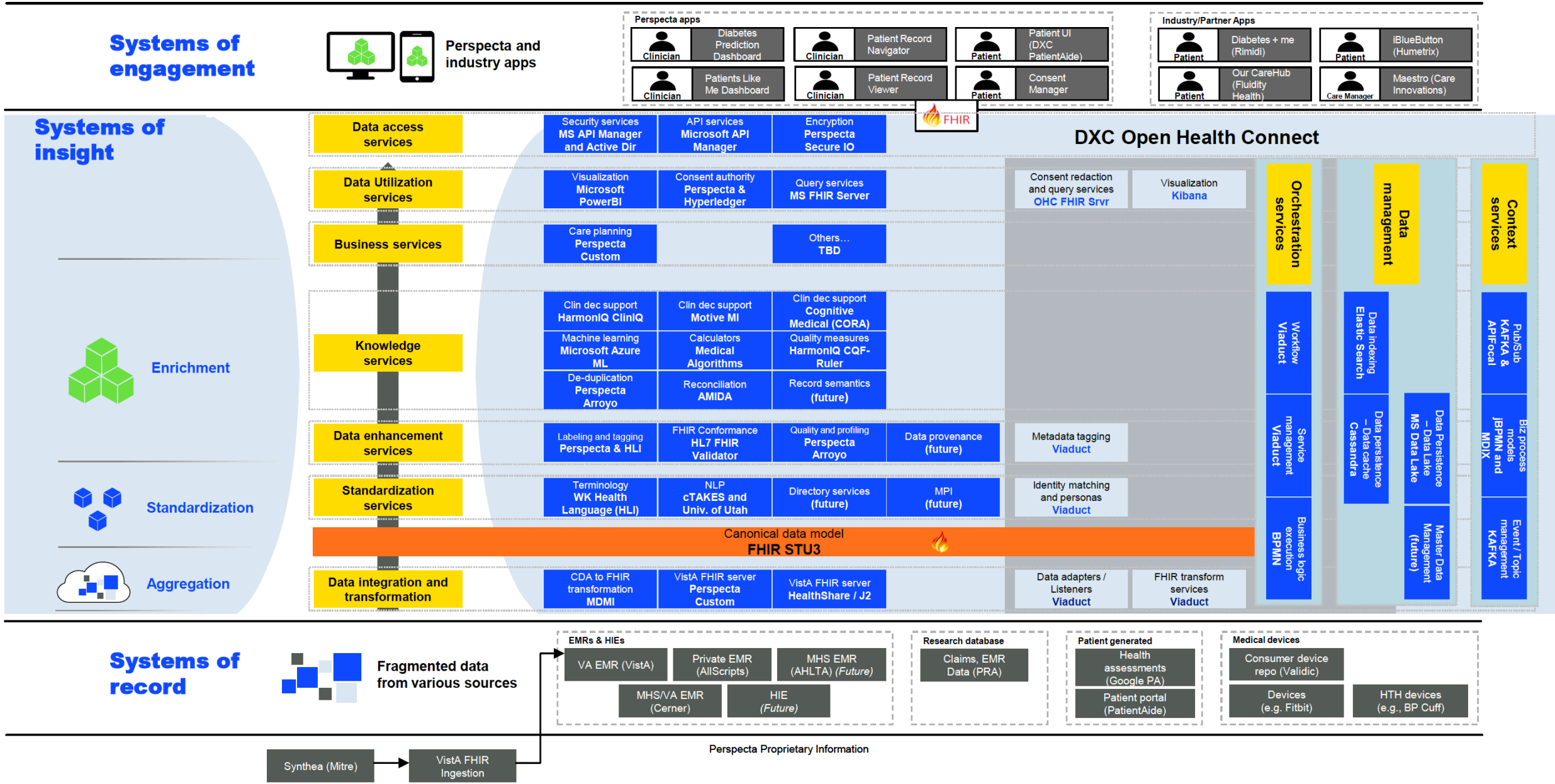
API Strategies



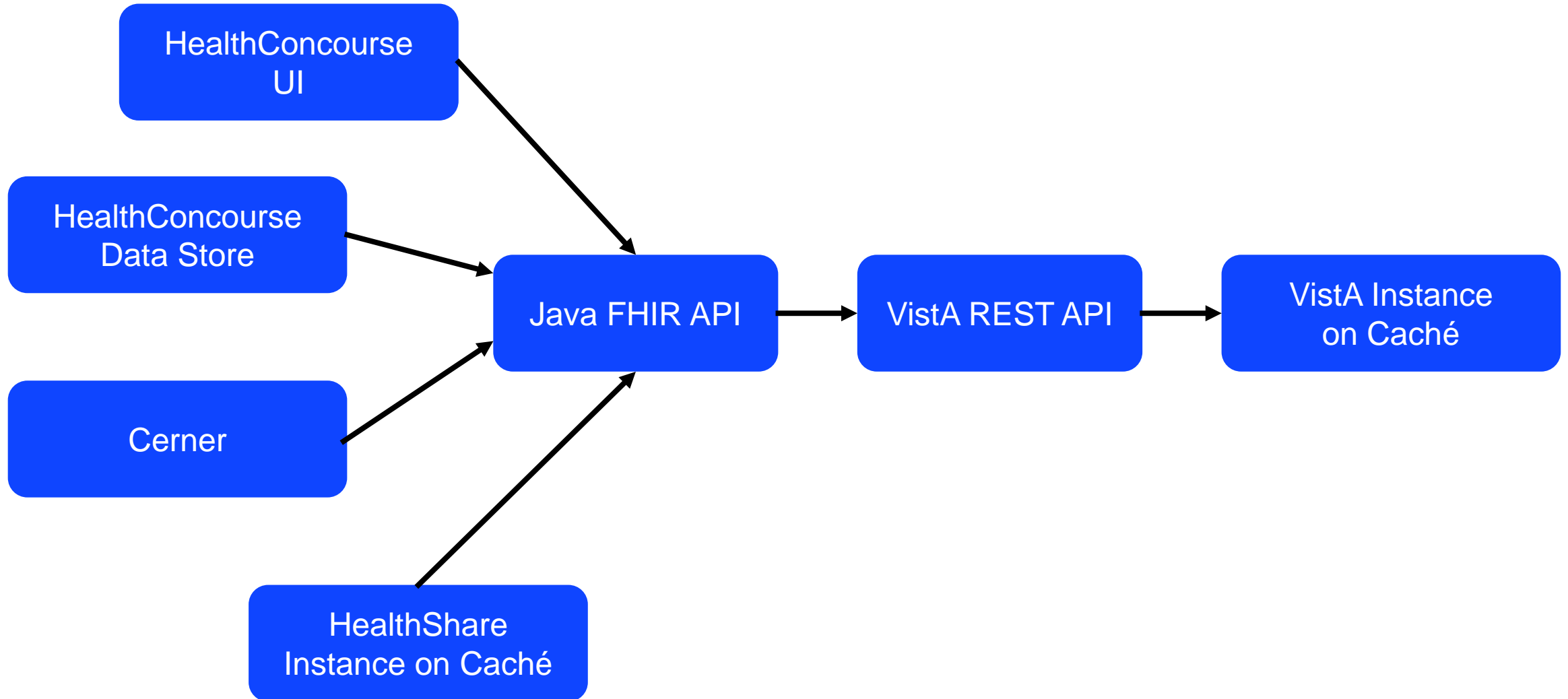
An open platform, service-based FHIR based approach



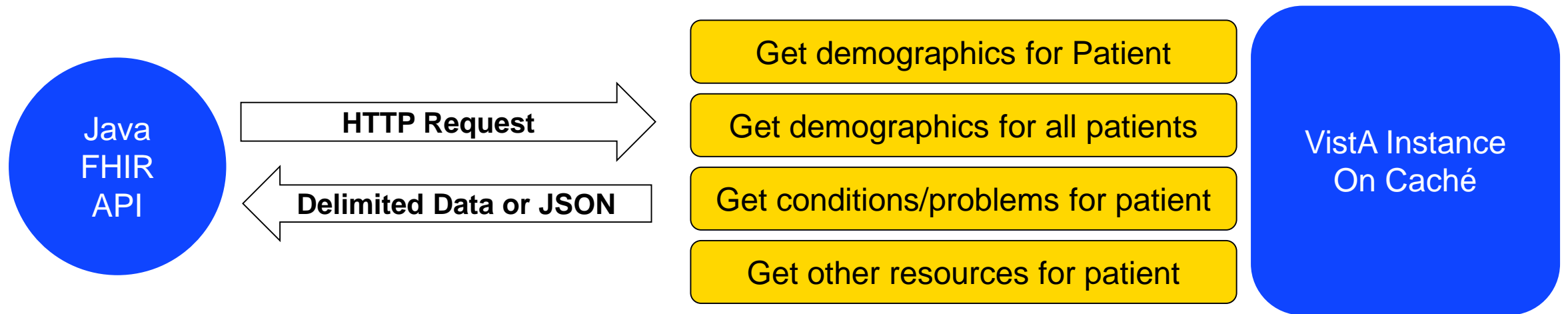
HealthConcourse – Perspecta’s digital health platform implementation



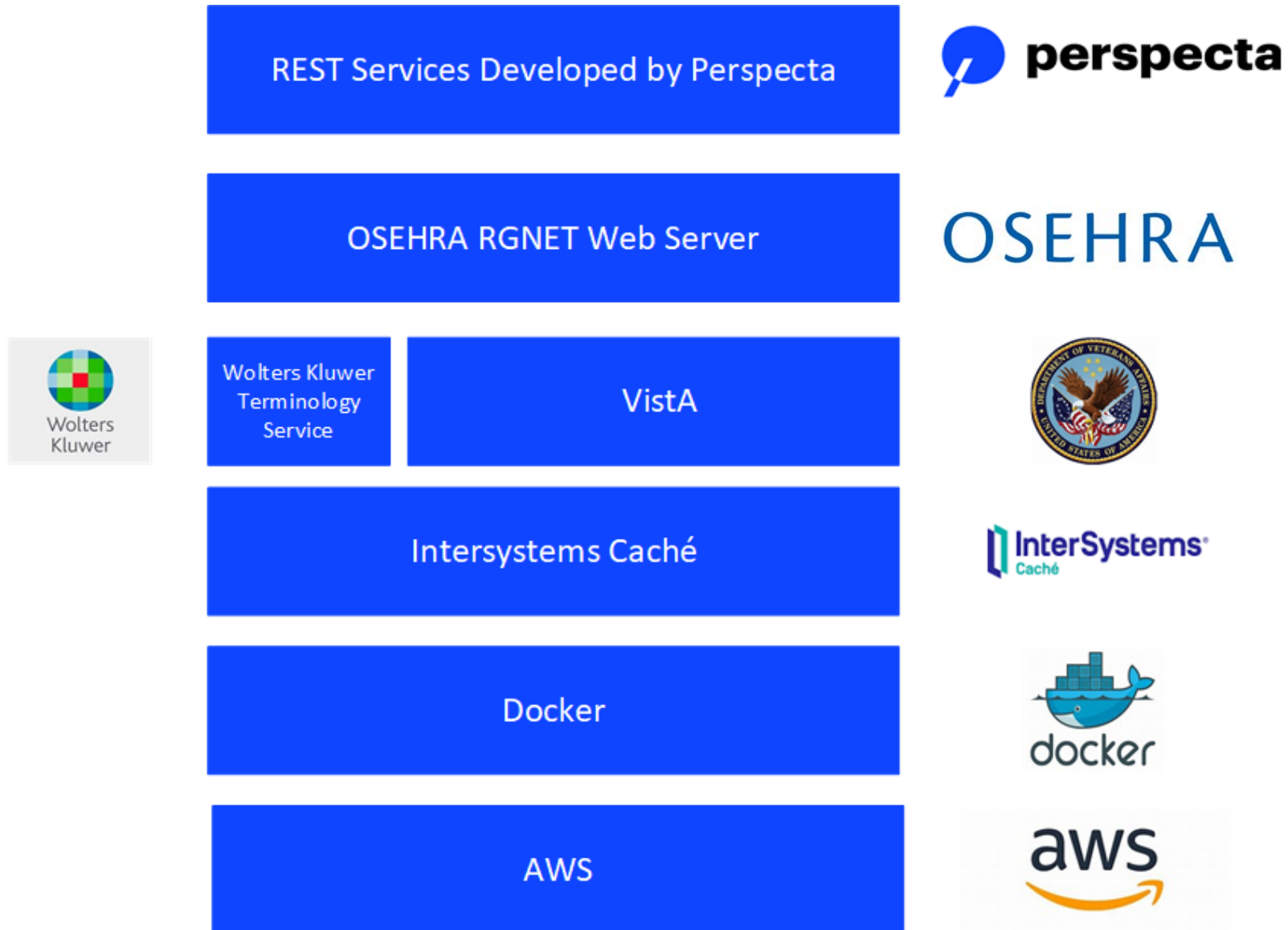
HealthConcourse request VistA data dataflow



VistA FHIR API Data Flow



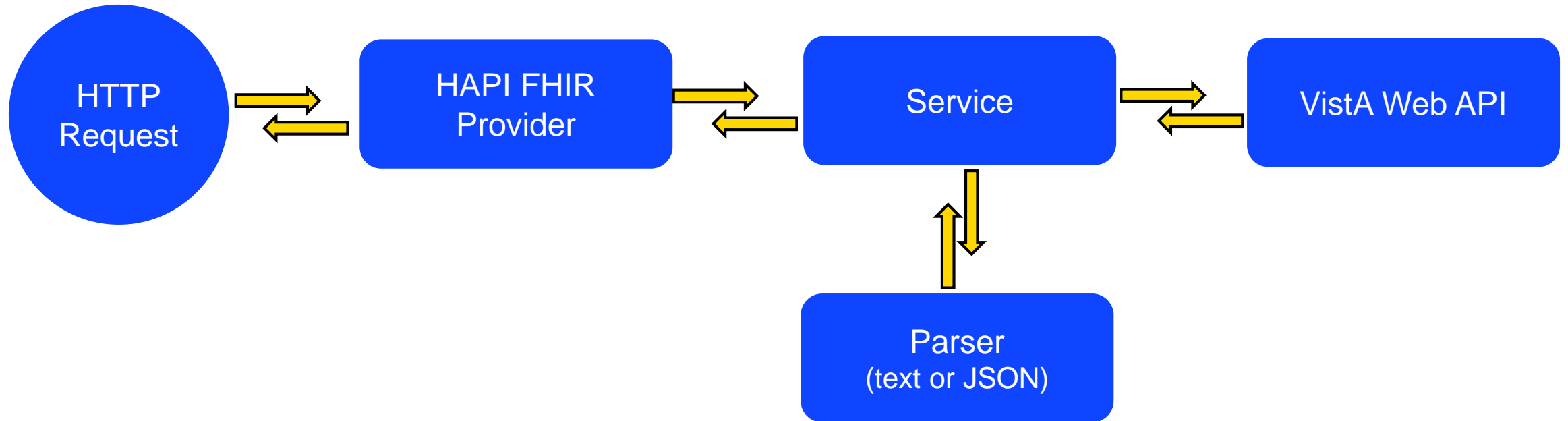
VistA REST Tech Stack



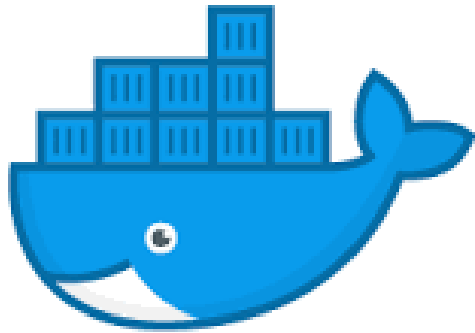
VistA FHIR API Tech Stack



VistA FHIR API App Architecture



VistA FHIR API deployment



docker



kubernetes

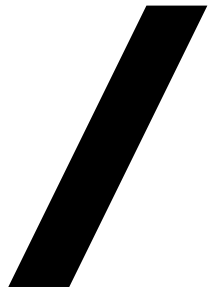
Available FHIR resources

Direct Resources

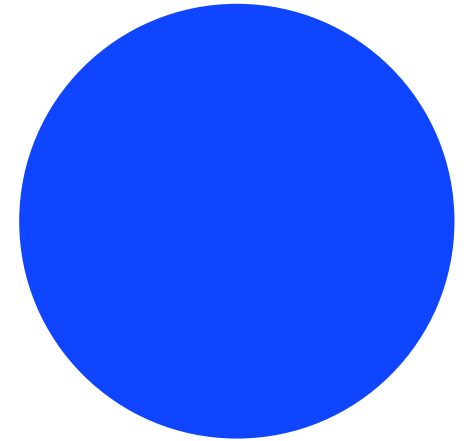
- Patient
- Care Team
- Condition
- Observation
- Location

Containers in Patient

- Condition
- Encounter
- Practitioner
- Observation
- Medication Statement
- Medication Dispense
- Medication Administration
- Composition
- Procedure
- Flag
- Appointment
- Allergy Intolerance
- Immunization
- Goal
- CarePlan
- Diagnostic Report



Demo



Related open source efforts

OSEHRA / VistA-FHIR-Data-Loader

Watch 11

Star 1

Fork 2

Code

Issues 15

Pull requests 0

Projects 0

Wiki

Insights

MUMPS/UI components for creating synthetic patient data from Synthea and loading the generated FHIR patient data to VistA EHR

158 commits

3 branches

2 releases

4 contributors

Apache-2.0

<https://github.com/OSEHRA/VistA-FHIR-Data-Loader>

Branch: master

New pull request

Create new file

Upload files

Find File

Clone or download

<https://github.com/OSEHRA/VistA-FHIR-Data-Loader>

RoadMap

Open source release planned for mid April 2019

Java

- STU 4
- Migrate to Java 11
- Move to Spring Boot
- Junit 5
- More FHIR resources
- More JSON consumption

VistA

- More JSON endpoints
- More resource support
- Actual FHIR from endpoints

OSEHRA

Questions?

Please use Zoom's Q&A or Chat feature to submit your questions and comments.

2019

OSEHRA SUMMIT

JULY 9 - 10

Open SaaS - Open Source in the Cloud

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AND CONFERENCE CENTER

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OSEHRA CALLING ALL ABSTRACTS!



OSEHRA is seeking presentations on the latest advancements in health IT for our 8th Annual Summit. Don't miss this opportunity to showcase your work. Submit proposals for presentation, roundtable, or poster today!

Submission Deadline:
Friday, March 29, 2019

summit.osehra.org
#OSSummit19



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Thank you for joining today's presentation.

Please join us in April for our next Webinar.