Health Summary Viewer

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What is the Health Summary Viewer (HSV)?
Access Ecosystem

Exportable Data
 Analytics
 Visualization & Discovery
 Workflow

Fuse™ Data Access
 Fuse™ Visualization
 SMART on FHIR

Pilot Program: HSV app launches within EHR

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Why Build the Health Summary Viewer?
Network 1

Network 2
Network 1 (connected via HIE)

John’s data

John’s data

Network 2
Network 1 (connected via HIE)

John’s data → John’s data

John

Network 2

John’s data

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John

Hospital B
(Network 2)
Acme Hospital (Network 1)

John’s data via FHIR

Hospital B (Network 2)

Health Summary Viewer (Plug in to EMR)
Acme Hospital (Network 1)

John’s data via FHIR

John

Hospital B (Network 2)

Health Summary Viewer (Plug in to EMR)
FHIR-based Ontologies on Fuse™

1. Patient
2. Practitioner
3. Organization
4. Encounter
5. Procedure
6. Observation
7. Condition
8. AllergyIntolerance
9. DiagnosticReport
10. Immunization
11. Medication
12. MedicationAdministration
13. MedicationDispense
14. MedicationOrder
15. MedicationStatement
16. Coverage
17. Claim
18. Location

1. Launch SMART app from EHR
   
   FHIR URL + Context

2. Fetch Conformance

3. Request Authorization

4. Validate user and context

5. Return auth token

6. Request patient data

   FHIR URL + Access Token

   Validate token and then fetch requested data

7. Return requested data

8. Renders UI

   Java
DEMO
Summary of Benefits

✓ Interoperability
✓ In-and-out-of-network data available in EHR
✓ Improved Physician workflow for longitudinal patient data

Future plans

HSV Application

• Import documents & lab results into view
• Scale across 5+ hospitals within health system customer

SMART on FHIR Program

• Expand pilot program to support multiple SMART Apps
• Add support of financial FHIR resources
Thank you
Get to scale faster with us

- 40 years in healthcare analytics
- 1 billion paid medical claims annually
- 6.4M patients online parsed annually
- 197M C-CDAs
- 280+ vendor connections
- 3.1 billion clinical transactions annually
- 98M patient health records
- 6.4M patients online
- 1 billion paid medical claims annually

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Better data. Better decisions.

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