IRIS FHIR® Accelerator Service Contest Webinar

InterSystems®
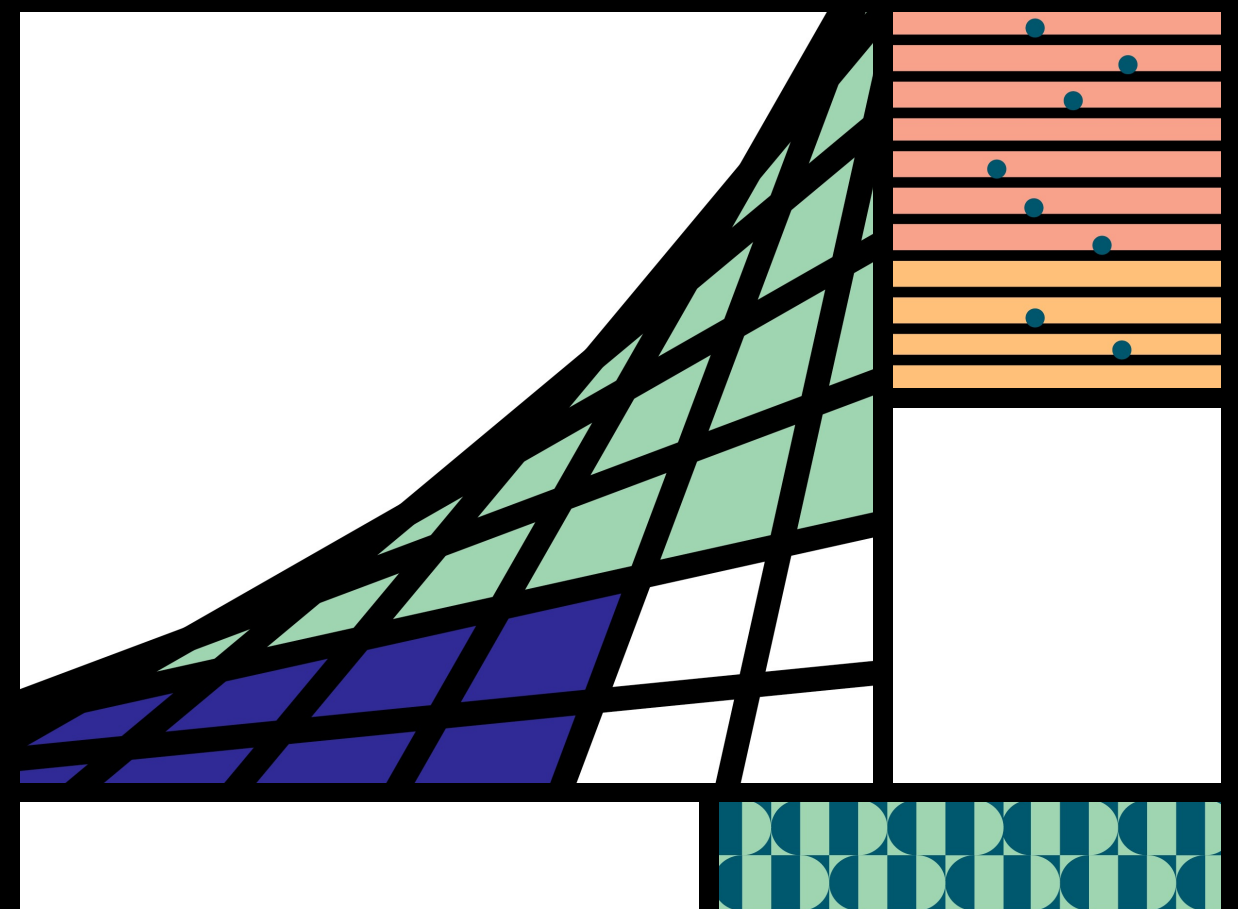Creative data technology

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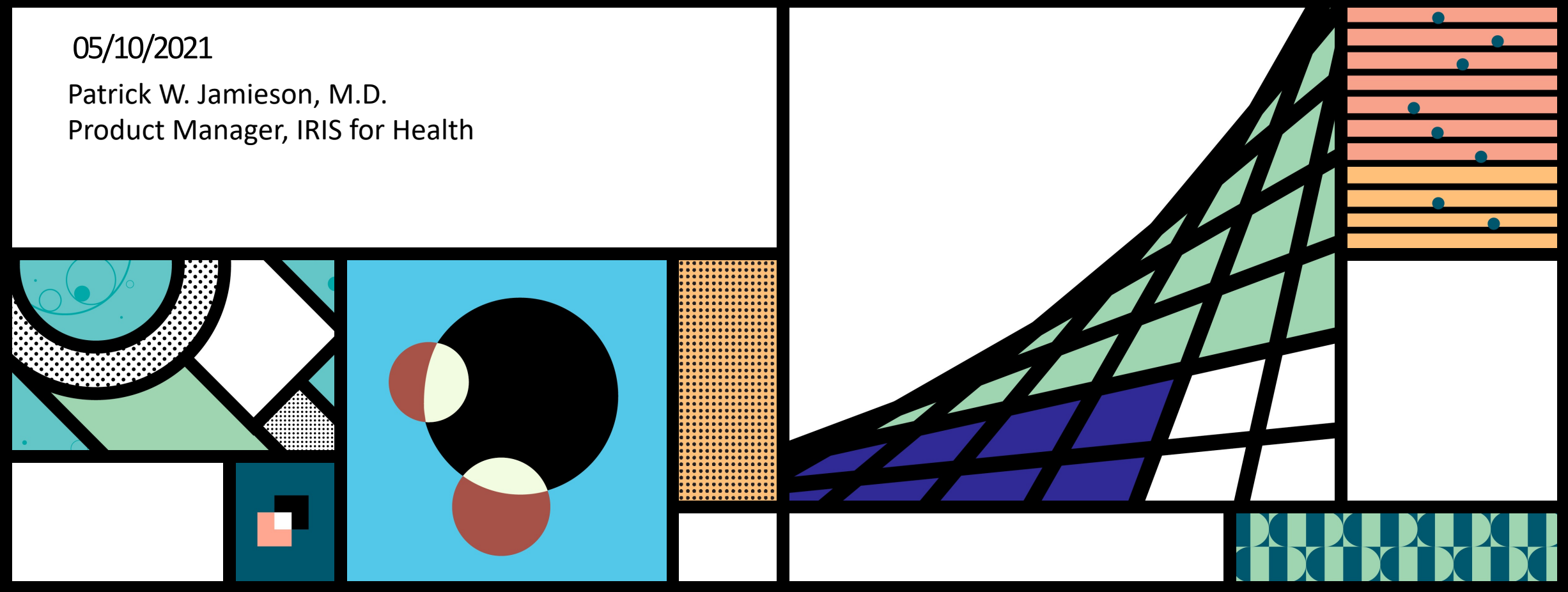
InterSystems IRIS FHIR® Accelerator Service

- The FHIR App revolution
- Major use cases
- IRIS FHIR Accelerator Service – features and ease of use
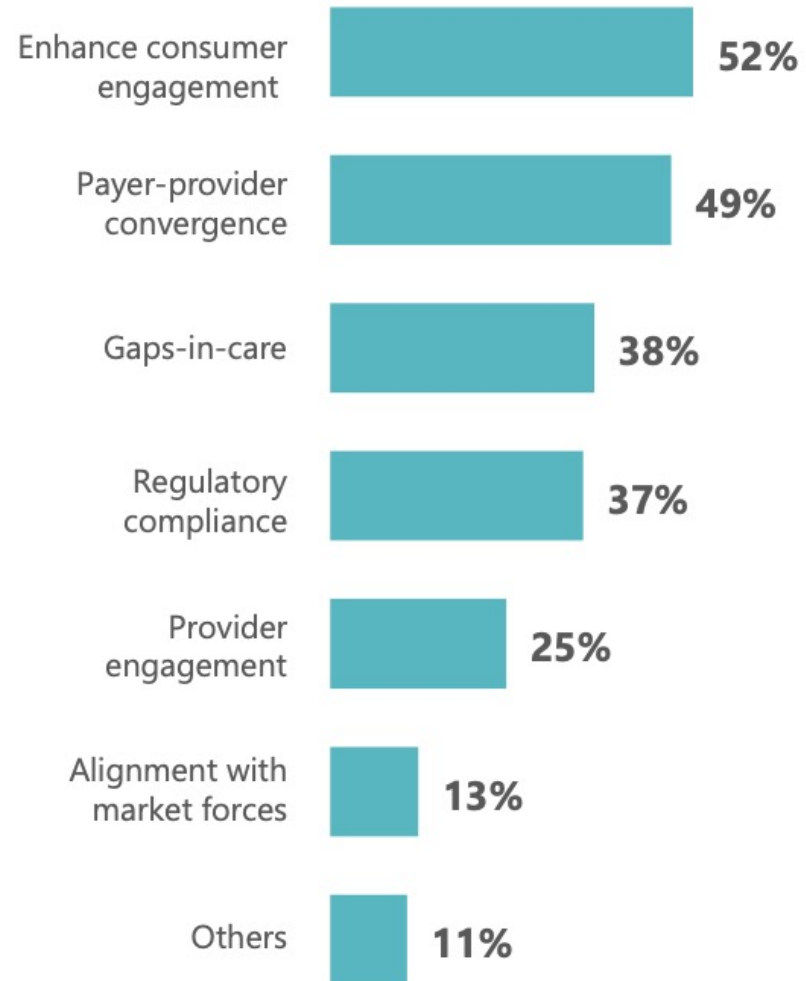- Demo
- Q/A

Health I.T. Goals – Across the World

- Better transparency into the cost and outcomes of care

- Convenient access to medical records

- An app economy for innovation and choice

FHIR is the glue to make all these goals possible

Priority FHIR use cases

Enhance consumer engagement	52%
Payer-provider convergence	49%
Gaps-in-care	38%
Regulatory compliance	37%
Provider engagement	25%
Alignment with market forces	13%
Others	11%

2020 CitiusTech Interoperability & FHIR Readiness Survey

Recent Ad from HL7 ®

Did you know that top healthcare professionals are using HL7 FHIR® to improve and advance modern healthcare?

Recently, **Rimidi partnered with Emory Orthopaedics** to develop a pair of FHIR-enabled apps to track surgical procedure data and collect outcome measures for patients undergoing orthopedic surgery at Emory Healthcare. FHIR opened up the opportunity to bridge communication between patients and clinicians outside of the hospital building.

FHIR Use Cases from Recent AWS Survey

- SMART On FHIR   1
- Personalized Medicine   2
- HEDIS Compliance   1
- Drug Utilization   4
- Holistic Health   1
- Chronic Disease Management   1
- Covid-19 Statistics 1
- Predictive Analytics   1
- Readmissions   1

- Appointment No-Shows   1
- Patient Satisfaction Surveys 2
- CMS Compliance 1
- Population Health 2
- Billing Compliance   2
- Protocol Compliance   1
- Scheduling   2
- Exploratory, no clear use case   14

InterSystems Platform Gives You Choices

On Premises

You manage applications, data, servers, storage, runtime and networking

Infrastructure

You manage applications, data, and runtime

Managed Service

You manage applications and data.

IRIS FHIR® Accelerator Service (Managed)

InterSystems Provides

- Infrastructure – high availability, operating systems, servers, network, runtime, FHIR storage
- Management – backups, disaster recovery
- Development Portal – easy to test and develop with the FHIR API
- Monitoring – performance, utilization, cost
- Security – required by HIPAA

Note: Release Date for Europe and Asia/Pacific is not known at this time.

Deployed Configuration

Full encryption at rest and transit

High-availability across 2 availability zones

Managed backup/restore

Full logging/monitoring/audit

OAuth2-based authentication. Build-in or BYO identity provider

Secured S3 and VPC connections to customer's account

Full tenant isolation

API level security DDoS, throttling.. full power of AWS

API browser/development portal
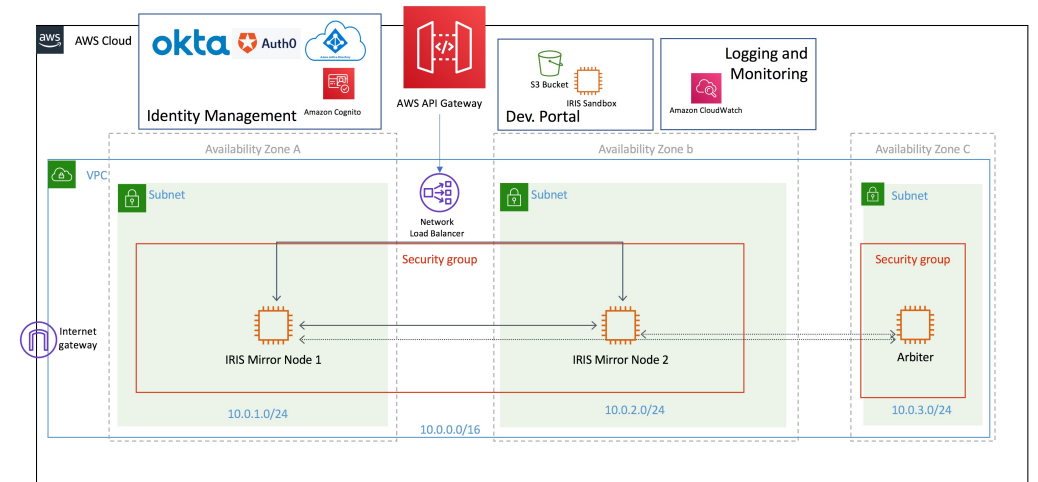
FHIR API for Developers

- API first development

- Access FHIR® resources using an OpenAPI spec

- All 133+ resources annotated

- Example documents

Questions and Answers

DEMO

IRIS FHIR Accelerator Service

Thank you.

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