Introducing the IRIS Data Platform

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Video: Introducing InterSystems IRIS
Challenge #1: Smarter Transactions

More complex logic

Vastly richer data

Relentless growth

Credit Card Fraud Detection

Under 10 Criteria

Account Valid ✓
Credit Limit ✓

Over 100 Criteria

Transaction Type ✓
Time of Day ✓
Merchant History ✓
Same Day Activity ✓
Location ✓
Purchase Patterns ✓
Challenge #2: Instant Access

Instantaneous access...across the enterprise...with no lags...at any scale

Real Time Compliance

Demands real time access across heterogeneous systems and databases
Challenge #3: Insight to Action

Turn insights into better outcomes by eliminating data barriers

- Extract
- Transform
- Load
- Index
- Analytics

Average Delays

- 1 Day
- 2-4 Days
- 5-7 Days
- 7-14 Days
Technical Complexity Is the Enemy of Innovation

A well engineered, complete platform reduces complexity.
Data Platform Dramatically Reduces Complexity

- Faster Deployment
- Higher Reliability
- Predictable Scalability
- Better Security
- Lower Risk
Philosophy

Interoperable

Scalable

Reliable

Intuitive
InterSystems IRIS Data Platform: What is It?

Data Management  Interoperability  Analytics
InterSystems IRIS: What is It?
InterSystems IRIS: What is It?

Rapid development and deployment of

Data Rich  Mission Critical

Solutions
Key New Technologies in InterSystems IRIS

Interoperability

Languages Support

Scale Up/Scale Out

Cloud
The Experiment: Build an Application That Matters

Open Source

InterSystems IRIS Data Platform
Solving global sustainability issues at a local level

By utilizing the campus as a testbed and incubator, we aim to transform MIT into a powerful model that generates new and proven ways of responding to the challenges of our
Open Source Approach Was 10X More Complex

- **Number of Developers**: Open Source = 6, InterSystems IRIS = 1.5
  - Open Source: 250%
  - InterSystems IRIS: 0%

- **Number of Libraries**: Open Source = 15, InterSystems IRIS = 1.5
  - Open Source: 90%
  - InterSystems IRIS: 0%

- **Tool Research Time in Hours**: Open Source = 100, InterSystems IRIS = 7
  - Open Source: 700%
  - InterSystems IRIS: 0%

- **Total Manhours**: Open Source = 2000, InterSystems IRIS = 100
  - Open Source: 310%
  - InterSystems IRIS: 0%

- **Time to Setup and Config in Hours**: Open Source = 140, InterSystems IRIS = 5
  - Open Source: 2900%
  - InterSystems IRIS: 0%
IRIS Timeline

Mid-2017: Early Adopters
September 2017: Worldwide Announcement
January 2018: General Availability
Mid-2018: Healthcare Edition
A Growing Family

Strategic Path Forward For Customers Old and New

The Most Widely Used Data Platforms For Many Years to Come
The Way Forward

InterSystems® HealthShare

InterSystems® TrakCare

InterSystems® Caché

InterSystems® Ensemble

InterSystems® IRIS Data Platform
Should I Move From Caché or Ensemble?

Yes, if you are:

- Embarking on new development
- Incorporating analytics into solutions
- Moving to the cloud
How Do I Move?

For Vast Majority Of Customers*

✓ Move is straightforward & quick
✓ No change in license, support, subscription fees

* Fine Print
What If I Don’t?

Full support for Caché & Ensemble

- 24 x 7 Technical Assistance
- Bug corrections
- New operating system versions
- Continued enhancements

For as long as there are customers
Thank you.