

COTIVITI

# Powering National Healthcare Data Analytics with IRIS

**Industry:** Healthcare & Life Sciences

## CHALLENGE

The client, a leading data processor and analyzer, urgently needed to modernize its core data exchange capabilities to handle massive volumes of clinical data with greater efficiency and control. Their legacy infrastructure presented a systemic hurdle, inhibiting the ability to streamline data ingestion and maximize its analytic value for risk adjustment and quality programs. To maintain market leadership and scale their national strategy, a new, standards-based foundation was critically required for real-time data processing and analysis.

## SOLUTION

Ready Computing architected and deployed a strategic, multi-phase digital transformation, integrating the InterSystems IRIS for Health platform into the client's on-premises data center. The platform was configured across four server environments (development, test, stage, and production) with critical privacy and security services. This core platform provisioning was immediately followed by the integration of three additional interfaces into their broader InterSystems HealthShare system, focusing on key use cases using IHE and FHIR protocols to optimize data flow and analysis.

## RESULT

The strategic implementation established a powerful, standards-based data processing and analysis platform, significantly boosting the client's internal efficiency and foundational capacity. The unified platform, capable of fetching clinical data from source EMR systems via IHE and FHIR, now serves as a robust engine for the client's quality and risk programs. This decisive shift toward more efficient, secured clinical data ingestion and processing provides a stable, future-proof foundation ready to support rapid innovation and informed, real-time analytics.

## IMPACT AT A GLANCE



Modernized Data Processing Architecture



Enabled Real-Time Clinical Data Ingestion



Integrated Three Critical Interface Feeds



Strategic Deployment of IRIS for Health



Future-Proofed Data Analytics Foundation

## WHY IT MATTERS

Ready Computing is indispensable for organizations like Cotiviti that require not just a technology installation, but a strategic, end-to-end platform deployment, translating core analytics needs into a modern, interoperable, and fully secured data environment for transferable, enterprise-scale solutions.

## CORE TECHNOLOGIES USED

InterSystems IRIS for Health

InterSystems  
HealthShare IHE Profiles

HL7/FHIR Protocols

## DID YOU KNOW?

The complex, multi-phase project involved deploying an entirely new core platform while simultaneously executing interface development, requiring more than 2,500 total hours of specialized architectural and engineering expertise.

*InterSystems IRIS for Health platform was deployed across four environments for enterprise-level scale.*

## SERVICE PILLARS

Platform  
Architecture and  
Deployment

Interface  
Engineering and  
Integration

Enterprise Strategy  
and Solution Design

Managed Services  
and Technical  
Consulting

## ABOUT COTIVITI

Cotiviti operates within the highly specialized Payer/Analytics and Risk Adjustment vertical, serving major healthcare organizations. The scale of the engagement, involving the implementation of a national-grade data processing and analysis platform, implies a large, national-scale organization handling massive volumes of clinical and claims data.



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