USE CASE

Healthcare: Real-time Electronic Patient Records Management Systems

Value: Increase Patient Outcomes and Wellness Initiatives While Decreasing Costs

PROBLEM
Healthcare organizations continue to struggle with maintaining high-quality, cost-efficient patient services amongst a network of fragmented systems and data silos. In this complex environment where healthcare information and medical records are stored across disparate backend databases and document management systems, obtaining a 360-degree view of the patient is near impossible.

INNOVATION: Saving lives with improved real-time access to patient records while reducing healthcare costs.

CHALLENGE: Create real-time actionable intelligence from data across distributed databases to offer in-time, value-added services to customers.

SOLUTION: InfiniteGraph enables healthcare providers with a distributed semantic search solution that traverses disparate healthcare systems to present a single view of patient information without requiring the various data owners to push their information into one large repository. By finding and visualizing connections within and across large databases, the solution enables more intelligent analysis and use of patient information. In the future, healthcare providers may be able to use this solution to expedite the process of uncovering possible causes of illnesses and diseases.

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VALUE PROPOSITION
The ability to "connect the dots" between multiple data sources ensures a complete picture of the patient. With this information providers can offer more holistic treatment, improve decision-making, streamline administrative processing, avoid costly duplication of tests and prevent potentially life-threatening situations due to lack of information.

"...prevent potentially life-threatening situations due to lack of in-time information."

ADVANTAGES
To continue to provide excellent, affordable care, healthcare providers must have the ability to rapidly pull together and effectively analyze patient information. InfiniteGraph’s distributed graph database enables healthcare providers to identify relationships within vast amounts of data, using all the information available to improve the quality of care and service. The solution is enabling some of the world’s largest provider to make decisions faster, avoid costly mistakes and even save lives.

About Objectivity, Inc.
Since 1988 Objectivity, Inc. has been the Enterprise NoSQL leader, helping customers harness the power of Big Data.

Our leading edge technologies: InfiniteGraph, The Distributed Graph Database™ and Objectivity/DB, a distributed and scalable object management database, enable organizations to discover hidden relationships for improved Big Data analytics and develop applications with significant time-to-market advantages and technical cost savings, achieving greater return on data related investments.

Objectivity, Inc. is committed to our customers’ success, with representatives worldwide. Our clients include: AWD Financial, CUNA Mutual, Draeger Medical, Ericsson, McKesson, IPL, Siemens and the US Department of Defense.