



REDIS ENTERPRISE CASE STUDY

Redis Enterprise is Mission Critical for Mede Analytics' eCommerce Analytics Platform

Introduction

MedeAnalytics, a pioneer in healthcare analytics, develops cloud-based healthcare analytics solutions across the healthcare system. The company offers patient performance management solutions for healthcare providers in the U.S. and U.K. Mede Analytics' intelligent cloud-based analytics platform combines data to deliver state-of-the-art analytics, all in a business context. As MedeAnalytics' application user count was growing, their previous database couldn't handle the new level of traffic; high latency and slow response times became an incremental issue. With Redis Enterprise, MedeAnalytics can effortlessly manage the influx in customer transactions without a loss in performance.

“Redis Enterprise is really fast and easy to operate. It helped us deliver applications faster and with greater reliability than ever before.”

Challenges

In order to meet the rigorous standards of next-generation applications, businesses need to adopt analytics inline to generate an intelligent customer experience. Therefore, MedeAnalytics needed to guarantee a high level of performance for its customer-facing analytics platform. In order to accomplish that, MedeAnalytics needed high-performance databases that were capable of handling a variety of application scenarios. Below are the business challenges that led MedeAnalytics to evaluate and ultimately select Redis Enterprise:

- Encountered the following challenges before choosing Redis Enterprise:
 - High latency and slow response times from other databases

Use Case

MedeAnalytics decided to go with Redis Enterprise in order to keep up with industry standards. This meant having a management system capable of facilitating high-speed transactions. For its eCommerce application, MedeAnalytics uses Redis Enterprise as a primary database. Below are the key features and functionalities of Redis Enterprise employed by MedeAnalytics:

- Uses Redis Enterprise for the following:
 - High-speed transactions
 - Search/secondary indexing
- Redis Enterprise serves as a primary database
- Increased their usage of Redis Enterprise for the following reasons:
 - Application usage and user count is growing
 - They want to scale to multiple locations/sites
 - They have additional data models/uses for Redis Enterprise
- Using Redis Enterprise in the following types of solutions:
 - eCommerce

Results

With Redis Enterprise's consistently high performance, MedeAnalytics' customer-facing application has experienced a welcome reduction in downtime. Redis Enterprise's built-in data structures and modules give MedeAnalytics an advantage in delivering real-time personalization quickly and with low development overhead. Below are some of the results MedeAnalytics has achieved with Redis Enterprise:

- Values the following Redis Enterprise capabilities:
 - High availability (persistence, auto-failover, cross-zone/multi-region/multi-datacenter in-memory replication)
 - Stability & high performance
 - 24x7 support for mission-critical Redis layers
- Rates the following benefits of Redis Enterprise for having Redis as their deployment provider compared to their previous state:
 - Tremendous cost savings: Highly beneficial
 - Faster time to market: Highly beneficial
 - Reduced downtime: The most beneficial
 - Ability to offer fewer specialized personnel: Highly beneficial
 - Higher, more stable performance: Highly beneficial
- Would like to move additional data from the following databases into Redis Enterprise:
 - RDBMS-es (Microsoft SQL Server, Oracle, MySQL)

Company Profile

Company: **MedeAnalytics**

Company Size: **Medium Enterprise**

Industry: **Computer Services**

About Redis Enterprise

Redis is the world's fastest in-memory database platform, provides Redis Enterprise as a cloud service and as downloadable software to over 7,000 enterprise customers. The high performance, true high availability and seamless scaling of Redis Enterprise, are top-ranked by industry analysts, and power use cases such as high speed transactions, queuing, user session stores, and caching, in e-commerce, social, personalization, IoT, metering, fraud detection and other real-time applications.

[Learn More:](#)



Source: Jerry Pan, Operations Manager, MedeAnalytics

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