

Global 500 Retail Company Increases Operational Efficiency by over 100% with Couchbase

Introduction

This case study of a Global 500 retail company is based on a July 2020 survey of Couchbase customers by TechValidate, a 3rd-party research service. The profiled company asked to have their name blinded to protect their confidentiality.



“Couchbase works very smoothly and it’s quite easy to use by the developers.”

Challenges

The business challenges that led the profiled company to evaluate and ultimately select Couchbase:

- Experienced the following challenges prior to implementing Couchbase:
 - Poor database management
 - Having an expensive solution
 - Long development cycles due to inefficiencies
 - Scaling
 - Performance
- Evaluated the following vendors before choosing Couchbase:
 - MongoDB
 - Redis

Company Profile

The company featured in this case study asked to have its name publicly blinded because publicly endorsing vendors is against their policies.

TechValidate stands behind the authenticity of this data.

Company Size:
Global 500

Industry:
Retail

Use Case

The key features and functionalities of Couchbase that the surveyed company uses:

- Values the following Couchbase features compared to other solutions they have used:
 - SQL++
 - Cache
 - Memory-first architecture
- Is storing 50 – 500 million documents in Couchbase.
- Is storing 200 GB – 1 TB of data in Couchbase.
- Is running more than 10M requests/operations per second in Couchbase.
- Describes their Couchbase deployment:
 - Clusters: up to 10
 - Nodes: up to 10

About Couchbase

Couchbase provides an enterprise-class, multicloud to edge database that offers the robust capabilities required for business-critical applications on a highly scalable and available platform.

Learn More:

[Couchbase](#)

Results

The surveyed company achieved the following results with Couchbase:

- Saw returned value within 6-9 months after implementing Couchbase.
- Rates the following improvements since working with Couchbase:
 - Lowered total cost of ownership: 25-49%
 - Increased query performance: 100%+
 - Increased operational efficiency: 100%+
 - Accelerated development cycles: 100%+
 - Accelerated response times: 100%+
 - Experienced a more efficient help desk: 25-49%
 - Experienced more efficient database management: 50-74%
 - Improved application uptime & availability: 50-74%
- Values their Couchbase application/deployment at up to 100 million.