

CenterEdge Software Accelerates Response Times by over 100% with Couchbase

Introduction

This case study of CenterEdge Software is based on a July 2020 survey of Couchbase customers by TechValidate, a 3rd-party research service.



“Couchbase is our primary cloud-based database solution.”

“Overall, Couchbase is an exceptional solution for our company. The core products are great, providing us with improved uptime and vastly superior performance at scale, without the management overhead of replicating RDBMS data. Couchbase has been a key part of our architecture since 2012, and its role is only increasing over time.”

Challenges

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

- Experienced the following challenges prior to implementing Couchbase:
 - Scaling
 - Performance
- Evaluated the following vendors before choosing Couchbase:
 - MongoDB
 - Microsoft SQL

Company Profile

Company:
CenterEdge Software

Company Size:
Small Business

Industry:
Computer Software

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:
 - Flexible schema
 - Kubernetes
 - SQL++
 - Memory-first architecture
- Is storing 500 million – 1 billion documents in Couchbase.
- Is storing 1 – 10 TB of data in Couchbase.
- Is running 50k – 300k requests/operations per second in Couchbase.
- Describes their Couchbase deployment:
 - Clusters: up to 10
 - Nodes: 10-50

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 immediately after implementing Couchbase.
- Rates the following improvements since working with Couchbase:
 - Lowered total cost of ownership: up to 25%
 - Increased operational efficiency: up to 25%
 - Accelerated development cycles: up to 25%
 - Accelerated response times: 100%+
 - Experienced more efficient database management: 25-49%
 - Improved application uptime & availability: up to 25%