

Medium Enterprise Computer Services Company Increases Operational Efficiency with Couchbase

Introduction

This case study of a medium enterprise computer services 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.



“We use Couchbase for rebuilding existing business Apps that were developed in IBM/HCL Domino with Couchbase, node.js and Webix.”

“Easy to install and maintain, reliable operation, excellent features. We love it. Support is good, too.”

“Best NoSQL Database.”

Challenges

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

- Experienced the following challenges prior to implementing Couchbase:
 - Long development cycles due to inefficiencies
 - Scaling
 - Performance
 - Reliability & resiliency
- Evaluated the following vendor before choosing Couchbase:
 - MongoDB

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:
 - Full Text search
 - Mobile capabilities
 - N1QL
 - Memory-first architecture
- Is storing 10-50 million documents in Couchbase.
- Is storing 200 GB – 1 TB of data in Couchbase.
- Describes their Couchbase deployment:
 - Clusters: up to 10
 - Nodes: up to 10

Results

The surveyed company achieved the following results with Couchbase:

- Rates the following improvements since working with Couchbase:
 - Lowered total cost of ownership: up to 25%
 - Increased query performance: 75%-100%
 - Increased operational efficiency: 75%-100%
 - Accelerated development cycles: 100%+
 - Accelerated response times: 75%-100%
 - Experienced more efficient database management: up to 25%
 - Improved application uptime & availability: 75%-100%

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:
Medium Enterprise

Industry:
Computer Services

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](#)