

Global 500 Transportation Services Company Improved Application Uptime & Availability by over 100% with Couchbase

Introduction

This case study of a Global 500 transportation 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 database loads that are appropriate for document management.”

“The experience has been positive.”

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
 - Reliability & resiliency
- Evaluated the following vendors before choosing Couchbase:
 - MongoDB
 - Redis
 - Cassandra
 - Datastax
 - Aerospike

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:
Transportation Services

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
 - Mobile capabilities
 - Kubernetes
 - SQL++
 - XDCR
 - Cache
 - Memory-first architecture
- Is storing 1 billion+ documents in Couchbase.
- Is storing more than 10 TB of data in Couchbase.
- Is running more than 10M requests/operations per second in Couchbase.
- Describes their Couchbase deployment:
 - clusters: 50-200
 - nodes: 200-1000

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:
 - accelerated response times: 75%-100%
 - improved application uptime & availability: 100%+