

# S&P 500 Industrial Manufacturing Company Accelerates Response Times

## Introduction

This case study of an S&P 500 industrial manufacturing 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 3 node data and 2 node index/query. We expect this to grow as we have more devices connected to our system.”

“We find Couchbase useful for our application.”

## Challenges

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

- Experienced the following challenges prior to implementing Couchbase:
  - Scaling
- Evaluated the following vendors before choosing Couchbase:
  - MongoDB
  - Cassandra
  - DynamoDB

## 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
  - XDCR
  - Memory-first architecture
- Is storing up to 1,000,000 documents in Couchbase.
- Is storing up to 200GB of data in Couchbase.
- Is running up to 50k requests/operations per second 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: up to 25%
  - increased operational efficiency: up to 25%
  - accelerated development cycles: up to 25%
  - accelerated response times: 25-49%
  - experienced a more efficient help desk: 25-49%
  - experienced more efficient database management: 25-49%
  - improved application uptime & availability: 25-49%

### 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:  
**S&P 500**

Industry:  
**Industrial Manufacturing**

### 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](#)