MongoDB.®

# Small Business Telecommunications Services Company

## Introduction

This case study of a small business telecommunications services company is based on an April 2022 survey of MongoDB customers by TechValidate, a 3rd-party research service. The profiled company asked to have their name blinded to protect their confidentiality.

> "Our platform is built as microservices that are inherently multi-tenant, our database is designed to dynamically create a separate database per account (tenant) per service."
>
> "The administrative and operative ease are a pleasure to experience:
> - We are able to start with very small cluster instances and scale-up on a need basis
> - The auto-upgrade feature allows us to have the peace-of-mind from a security operations perspective
> - We almost do not have a specialized DBA on the team to manage this database anymore."

## Challenges

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

- "The need was for a managed persistence mechanism that inherently supports flexible data models, and was robust enough to support performance needs at high-scale."
- Their main objective when selecting MongoDB was: To launch their new application on MongoDB
- "Launching a new product is never easy:
  - The requirements are not known up-front
  - There's an urgency to accelerate the feature development for fast feedback. Coupled with limited resources, this means that any effort other than what the feature development requires is a waste!
  - Time is of the essence, and agility to evolve the features is paramount!"
- The database they were using before MongoDB was:
  - MS SQL Server

## Use Case

How the surveyed company utilizes MongoDB:

- Brief overview: MongoDB is being used to power the customer's multi-tenant SaaS application, which includes leveraging it as a:
  - Transactional store
  - Search index
  - Reporting and analysis database
- The reason they chose MongoDB was:
  - Flexible document data model
  - Ease of use
  - Deployment flexibility (on-premises, self-managed cloud, fully-managed cloud)
  - Fully-managed cloud database
  - Advanced security configurations
- The products they are using include:
  - MongoDB Enterprise Advanced
  - Atlas Database
  - Atlas Search
  - Database tools (Atlas CLI, Compass, Database Shell, Database connectors)
  - Ops Manager
- The cloud provider they are currently using is:
  - AWS
- MongoDB use cases include:
  - Business Agility
  - Data as a Service (DaaS)
  - Personalization

## Results

The surveyed company achieved the following results with MongoDB:

- "The administrative and operative ease are a pleasure to experience:
  - We are able to start with very small cluster instances and scale up on a need basis
  - The auto-upgrade feature allows us to have the peace-of-mind from a security operations perspective
  - We almost do not have a specialized DBA on the team to manage this database anymore."

### 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:
**Small Business**

Industry:
**Telecommunications Services**

### About MongoDB

MongoDB is the leading modern, general purpose database platform, designed to unleash the power of software and data for developers and the applications they build. Headquartered in New York, MongoDB has more than 26,800 customers in over 100 countries. The MongoDB database platform has been downloaded over 175 million times and there have been more than 1.5 million registrations for MongoDB University courses.

**Learn More:**

⬈ MongoDB