



GLOBAL
SUBSCRIPTION
CATALYST

GS Catalyst for MongoDB

Intro to MongoDB and Atlas

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[Get MongoDB Products Here](#)

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→ GS Catalyst – MongoDB Official Partner in Indonesia



Planning and Assessment

Strategic planning, alignment of goals - business metrics baseline, deployment of resources with Professional Services Consultant



Training

Provide comprehensive training for IT teams on how to use MongoDB products and integrate them into their daily operations.

Implementation

Implementation of MongoDB Atlas and other products with certified Professional Services team



Managed Services

24/7 Managed Services help customers with proactive monitoring, incident response, and ongoing optimization

Why choose GS Catalyst to deliver MongoDB Atlas?

Implementation & Migration Services

Smooth implementation process and migration from existing systems.

More than 60+ Certified Engineers

Our team of certified engineers brings deep knowledge to manage your directory services

Have Strong Portfolio for Cloud Solution

Designed from the ground up for the cloud, we deliver optimal performance and scalability.

MongoDB is the leading database for building modern applications



Increase productivity with **flexible document data** model that maps to how developers think and code

Support a wide range of use cases with **rich query capabilities**, strong consistency, & transactional guarantees

Ensure performance at scale and operational resilience with native support for **sharding & replication**

Protect critical data with rich security controls and features such as **client-side field level encryption**

300M+

downloads

1.5M+

MDB University
registrations

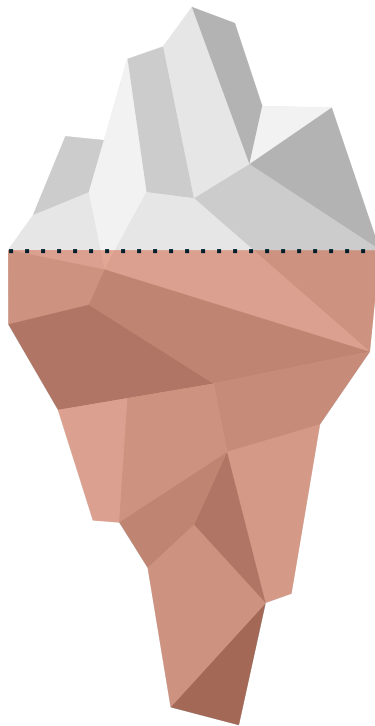
54k+

paying customers

The trap of managing databases yourself



Application development
Performance optimization



Provision servers
Configure for high availability
Configure security
Configure and test backup
Install and configure monitoring
Ongoing upgrades & maintenance
and much more...

The HIDDEN cost of resources associated with database management



People Costs

DBAs		SysAdmin		IT Security
~ Rp	+	~ Rp	+	~ Rp
220,000,000		120,000,000		150,000,000

Developers who need optimized database resources for their applications

Developers
~Rp 200,000,000

Atlas Database is fully managed MongoDB, available across all major public clouds



Fully managed database lifecycle; completely automated, elastic, and always-on

Unmatched data distribution and mobility across ~125+ regions on AWS, Azure, and Google Cloud

Intelligent recommendations with built-in automation for resource and workload optimization

Integrated services that help developers build more seamlessly against their data in the cloud

Featuring —

- > 99.995% uptime SLA
- > Secure defaults: TLS, encrypted storage, network isolation, and more
- > Reduce costs with automated data tiering to queryable cloud object storage
- > Fully managed backups with point-in-time recovery with RPO under 1 minute

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Integrated services that help developers build more seamlessly against their data in the cloud

Featuring —

- > Leverage the best of each cloud with multi-cloud clusters
- > Cross-region, even cross-cloud failover
- > Easily partition and distribute your data across regions for low-latency access, data residency guarantees with global clusters

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Intelligent recommendations with built-in automation for resource and workload optimization

Integrated services that help developers build more seamlessly against their data in the cloud

Featuring —

- > Bi-directional auto-scale to match workload demand
- > Intelligent recommendations for indexing and schema design
- > Optimize availability and performance with workload isolation using search nodes, analytics nodes and read-only nodes

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Intelligent recommendations with built-in automation for resource and workload optimization

Integrated services that help developers build more seamlessly against their data in the cloud

Featuring —

- > Native support for full-text search, vector search and stream processing
- > Time Series Collections optimized for storage and analytics on time-stamped data
- > Triggers and functions for easily building event-driven applications
- > Easily define rules for user auth & data access permissions

MongoDB Atlas: Pay as you go for the resources you need

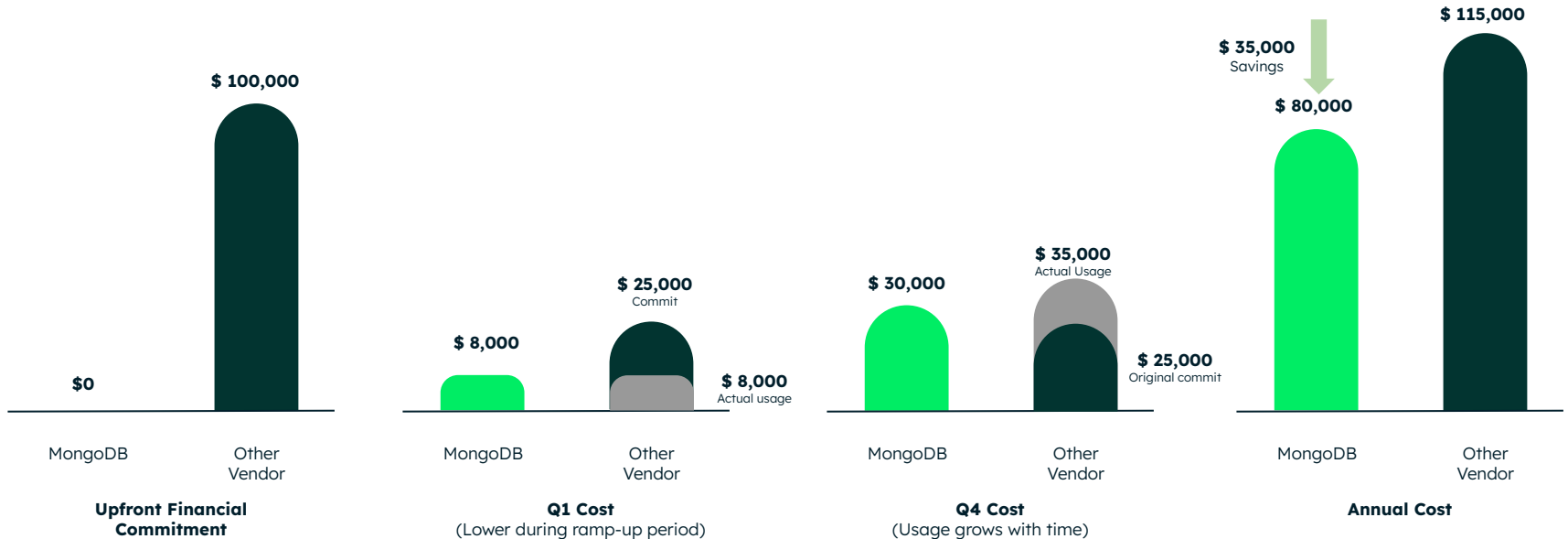


Consumption-based pricing

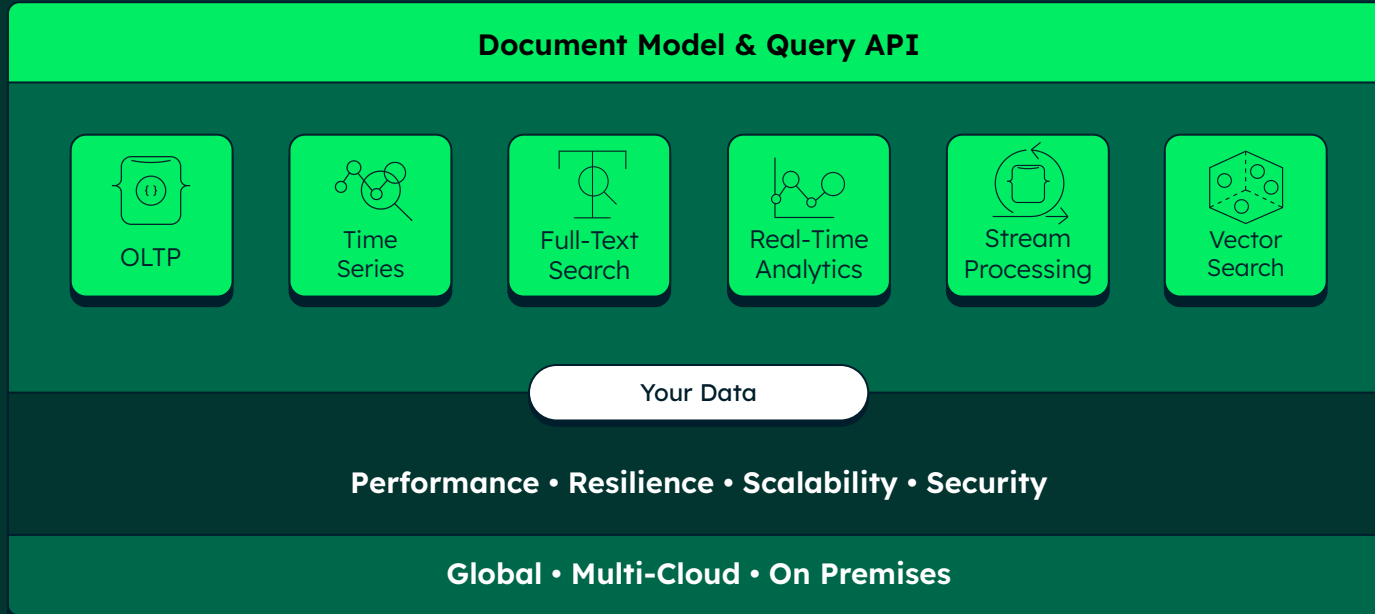
Invoicing based on *actual* usage

Drawdown commits from CSP marketplaces

Option to buy additional credits and consume as per your requirement



MongoDB Atlas: AI-Ready Data Platform



A fully integrated, AI-ready data platform that supports a wide variety of requirements



Vector Search — Deliver better customer experiences with integrated full-text search capabilities

Full-Text Search — Deliver better customer experiences with integrated full-text search capabilities

Stream Processing — Federate queries across databases & between databases & cloud storage

Real-Time Analytics — Easily create, share, and embed visualizations from data in MongoDB Atlas

Featuring —

> Apache Lucene capabilities exposed via the unified MongoDB Query API: fuzzy search, synonyms, custom scoring, autocomplete, faceting, and more.

> Visual editor that enables users to build search indexes and queries in guided and easy-to-use interface

> Deliver rich search capabilities 30-50% faster

A fully integrated, AI-ready data platform that supports a wide variety of requirements



Atlas Search — Deliver better customer experiences with integrated full-text search capabilities

Full-Text Search — Deliver better customer experiences with integrated full-text search capabilities

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Atlas Charts — Easily create, share, and embed visualizations from data in MongoDB Atlas

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Atlas Charts — Easily create, share, and embed visualizations from data in MongoDB Atlas

Featuring —

- > The ability to run a single query across multiple databases and S3
- > Analyze data stored as JSON, BSON, CSV, TSV, Avro, ORC, and Parquet without the complexity, cost of data transformation
- > No infrastructure to setup or manage; pay only for the queries run

A fully integrated, AI-ready data platform that supports a wide variety of requirements



Atlas Search — Deliver better customer experiences with integrated full-text search capabilities

Full-Text Search — Deliver better customer experiences with integrated full-text search capabilities

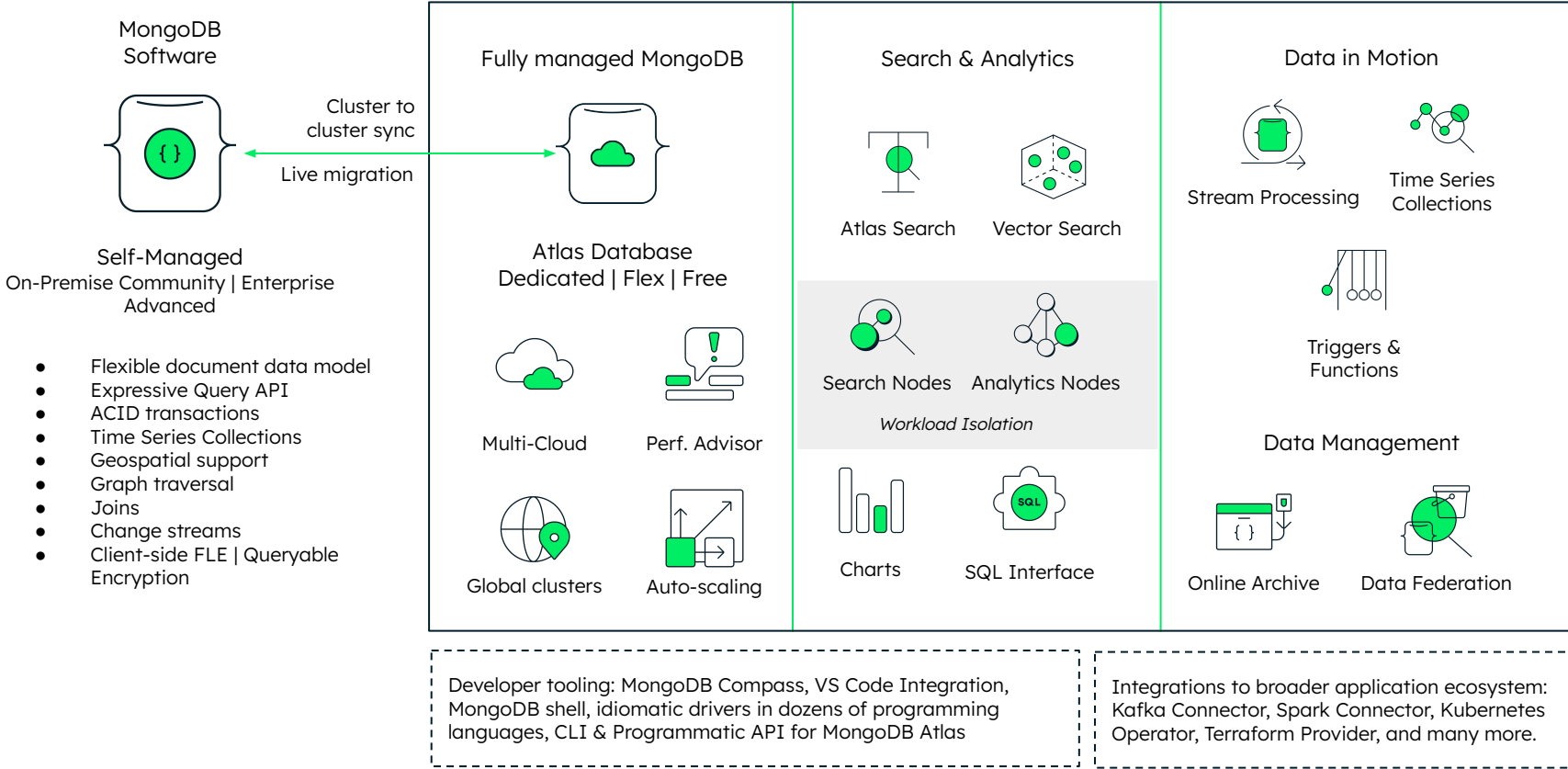
Atlas Data Federation — Federate queries across databases & between databases & cloud storage

Atlas Charts — Easily create, share, and embed visualizations from data in MongoDB Atlas

Featuring —

- > Zero setup or ETL required; easy-to-use drag & drop interface for building charts
- > Data visualization built for rich document data model with support for nested objects & arrays
- > Easily embed charts or dashboards using iFrames or embedding SDKs

MongoDB Atlas: Fully integrated, AI-ready Data Platform



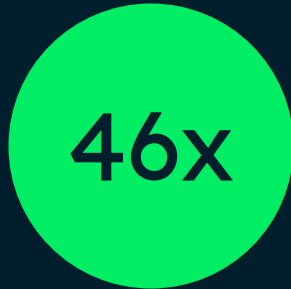
Why MongoDB Atlas?





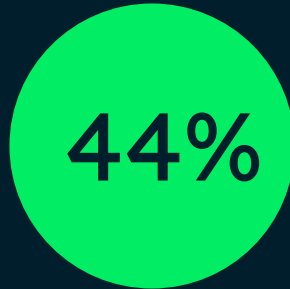
The impact of automated cloud services

Move faster



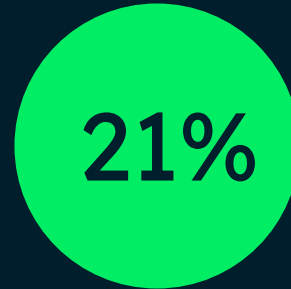
More code deploys

Be strategic



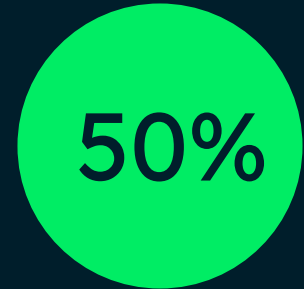
More time on new work

Improve quality



Less time on fixing code

Build securely



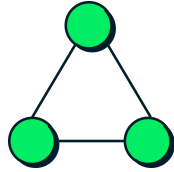
Less time on fixing security issues



Why you should invest in MongoDB Atlas



Intelligent
performance
optimization



Simplified data
architecture



Best-in-class
security
and operations



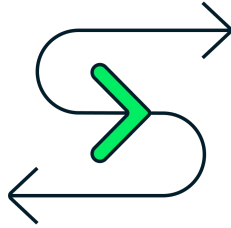
Global and
multi-cloud reach



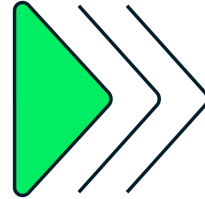
Atlas database tiers are designed for the entire journey



Data services



Flexibility



Single On-ramp



Pay-as-you-go

Free tier

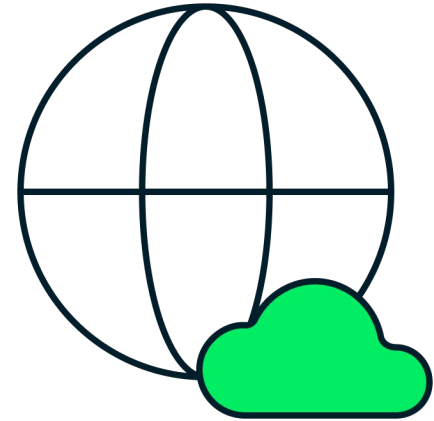
Flex tier

Dedicated tier



Atlas Free tier - Free Forever

Storage	512 MB
Compute	Shared, handles up to 100 ops/second
For	Users who want to explore MongoDB Atlas
Cost	\$ 0



- Ideal for learning how to build with MongoDB Atlas or exploring the different features
- No commitment, no cost
- Access to data services including Full text search, vector search, triggers, and stream processing



Atlas Flex tier - Flexibility on-demand

Storage	5 GB
Compute	Shared, handles up to 500 ops/second
For	Users who need flexibility and cost limits
Cost	\$ 8 to \$ 30



- Ideal for development, staging, and testing environments, launching and growing new apps
- Flexible pricing based on demand. Compute can burst and sustain up to 500 ops/second for handling unpredictable demand in a cost-effective manner
- Access to data services including Full text search, vector search, triggers, and stream processing



Atlas Dedicated tier - Enterprise-grade

Storage

Unlimited scaling with up to 4 TB per shard

Compute

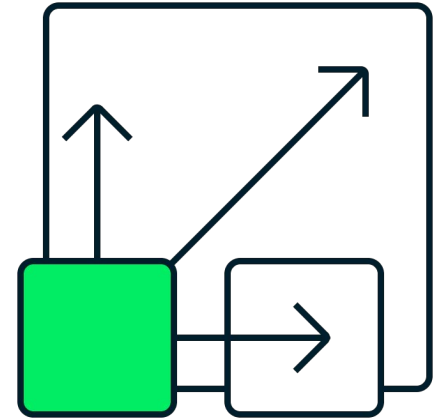
Up to 768 GB RAM per shard
Up to 96 vCPUs per shard

For

Production-ready applications

Cost

\$ 57+



- Ideal for stable, production-ready workloads requiring security, performance and availability
- OOTB support for multi-region, multi-cloud clusters, auto-scaling, asymmetric shards, performance advisor and more
- Access to data services including Full text search, vector search, triggers, and stream processing

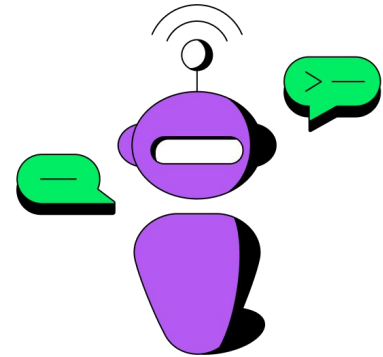


Explore, build and Grow on Atlas

Imagine you are a fortune 500 company and want to add an Agentic AI-powered workflow to your App.

Design Requirements:

- Vector store
- LLM provider
- Agent Framework



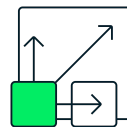
Stage	Exploration	POC	MVP	Production
Without Atlas	Spend sprints identifying the right stack	Spend sprints on licensing & provisioning	Effort on provisioning and integrating	Provision and build for mission-critical reqs
With Atlas	Deploy a free tier at no cost and explore	Deploy a flex tier at \$8 and build a POC	Let the flex tier handle traffic, capped at \$30	Upgrade to dedicated tier cluster.

Respond quickly to changes in product requirements

So you can focus on consistently shipping new features



Performance advice



Elastic scalability



Automated data tiering



Performance Advisor

SPOTLIGHT

Intelligent, real-time analysis

On-demand index and schema design suggestions

Enhanced speed to resolution

Real-time alerts

Click-to-create indexes

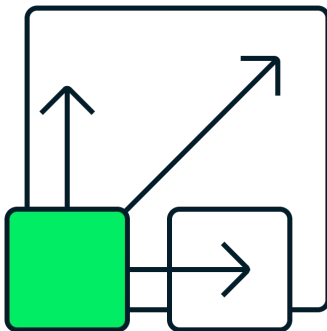
Higher engineering efficiency

Detailed query performance stats

Learn MongoDB best practices



SPOTLIGHT



Elastic scalability

Automatic, real-time scaling

Automatic storage and compute scaling based on cluster usage

Flexibility and control

Scale vertically and horizontally, across regions

Independently scale operational, analytics, or search nodes

Granular Resource Allocation

Optimize cost-performance with granular control

Independently scale each shard/node for storage, IOPS, or compute



SPOTLIGHT



Online Archive

Automated data tiering

Move infrequently accessed data to a more cost-effective cloud storage tier

Easily queryable

Federate queries across clusters and archives from a unified endpoint

Fully managed archives

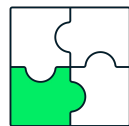
Eliminate manual data pipelines and custom archival scripts

Reduce architectural complexity & system dependencies

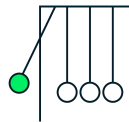
So you can focus on leveraging data, not connecting it between silos



Single data API across workload types



Fully managed search, analytics, visualization

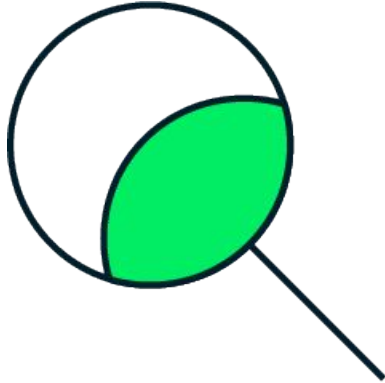


Event-driven application development services





SPOTLIGHT



Atlas Search

Integrated and fully managed experience

Use a single, unified API across database and search operations. Create a search index with a few clicks or a single API call.

Avoid the synchronization tax

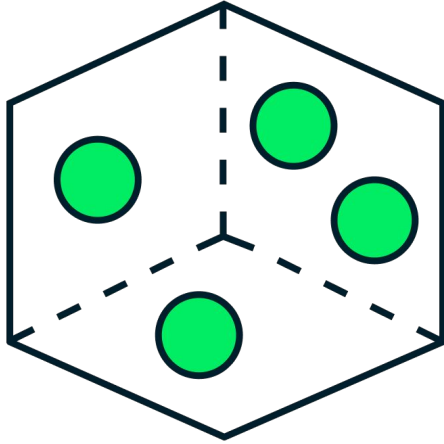
Data is automatically and dynamically synced from the database to Atlas Search indexes.

Workload isolation without data isolation

Scale search and database needs independently, delivering better performance at scale and higher availability.



SPOTLIGHT



Atlas Vector Search

Integrated with unparalleled simplicity

Store, index, and search vector embeddings alongside metadata and contextual app data in a unified, fully-managed platform experience

Performance at scale

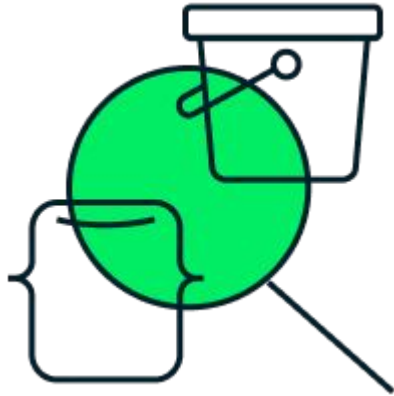
Horizontally, vertically, and independently scale vector and gen AI workloads. Iterate with speed and flexibility

Enterprise ready

Built-in functional capabilities, scalability, reliability, security, and AI integrations in an enterprise-proven multi-cloud platform



SPOTLIGHT



Atlas Data Federation

Simplify data workflows

Seamlessly aggregate data and persist the results to their preferred storage location without complex data pipelines.

Power real-time apps

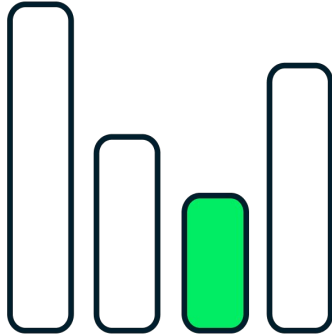
Federate queries across Atlas and cloud object storage without data movement or transformation.

Get faster insights

Convert MongoDB data to a columnar file format and output to cloud object storage to be consumed by downstream teams.



SPOTLIGHT



Atlas Charts

Fast to visualize

Built for the document model

No ETL, data movement or duplication required

Easy to start and share

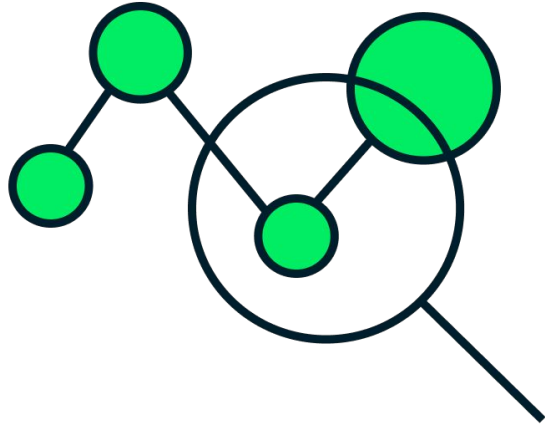
Integrated with MongoDB Atlas

Interactive dashboards with secure sharing

Powerful insights + experiences

No-code aggregation, runs on secondary nodes

Embed charts in apps via IFrame or SDK



Time Series Collections

SPOTLIGHT

Optimized storage efficiency

Native columnar compression cuts storage needs by 2-5x, maximizing resource usage and reducing system overhead.

Faster analytics

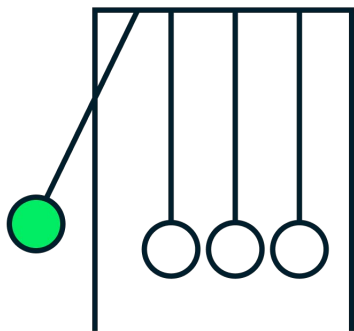
Block processing boosts query performance by up to 20x, streamlining filtering and aggregation without external tools.

Reduced system complexity

Unified ingestion and analytics within one system eliminate the need for additional platforms, lowering architectural complexity.



SPOTLIGHT



Atlas Triggers

Minimal code required

Easy to create and easy to forward events to AWS EventBridge for handling events outside of Atlas.

Highly customizable

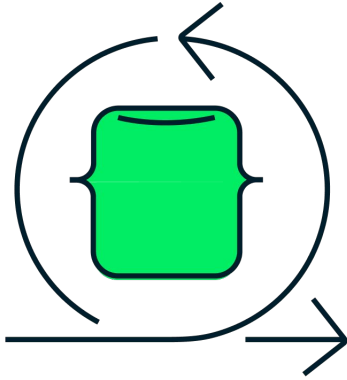
Define and execute custom logic, configurable for a variety of use cases.

Fully managed and independently scalable

Serverless and scalable separate from your database.



SPOTLIGHT



Atlas Stream Processing

Built on the document model

Bring the power of the document model and JSON to processing complex data structures.

Handle continuous processing

Leverage time-based windowing and the aggregation framework for message grouping.

Unified developer experience

Work with your data across the application stack, spanning data in motion and data at rest.



SPOTLIGHT



Atlas SQL Interface

Easily connect to Atlas

Natively built connectors provide easy setup and install with distinct guidance for Named Connectors

First-class SQL experience

Built with a MongoDB-native, SQL-92 compatible dialect, to get the most out of your SQL tools

Directly query live data

Ensure consistent analysis on live operational data and eliminate the need for ETL or data duplication



Future-proof security and infrastructure operations

So you can maintain
engineering velocity without
introducing more risk



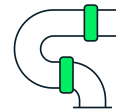
Enterprise-grade
security



Cross-region
replication



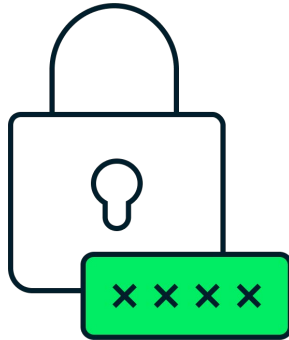
Rich telemetry
and data recovery



Cloud-first workflow
integrations



SPOTLIGHT



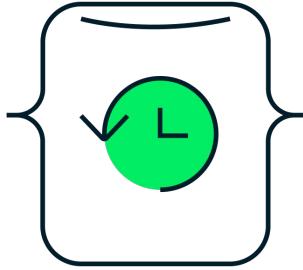
Client-Side Field Level Encryption

Amongst the strongest levels of data privacy and security for regulated workloads

- ✓ Elevates protection of sensitive data while it's in-use by the database
- ✓ Enforces a separation of duties and increases confidence to migrate to cloud
- ✓ Enables compliance with “right to erasure” requirement



SPOTLIGHT



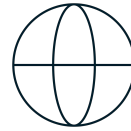
Continuous Cloud Backup

Restore application data to any point in time

- ✓ Configure a custom point-in-time recovery window
- ✓ Meet Recovery Point Objectives (RPOs) as low as one minute
- ✓ Track restore progress and history on the Activity Feed

Run applications anywhere in the world

So you can meet users
wherever they are



Global reach



Multi-cloud distribution



Data residency controls





SPOTLIGHT



Multi-region clusters

Deploy a single cluster across multiple regions

- ✓ Ensure uptime in the unlikely event of a multi-zone or total region outage
- ✓ Ensure data sovereignty and data privacy regulations by storing data in specific regions
- ✓ Improved performance for local reads by geographically distributing nodes
- ✓ Deploy across 125+ regions in AWS, Azure or Google Cloud



SPOTLIGHT



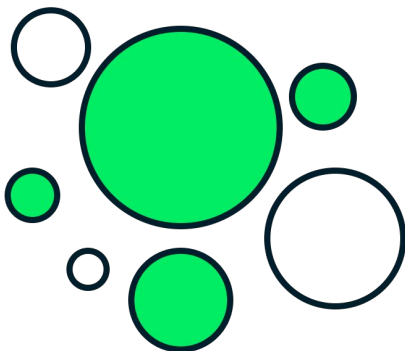
Multi-cloud clusters

Deploy a single cluster across multiple clouds

- ✓ Ensure continuous availability with cross-cloud redundancy
- ✓ Seamlessly migrate your cluster from one cloud to another
- ✓ Take advantage of best-of-breed technology across multiple clouds
- ✓ Reach more users by distributing your data across more regions



SPOTLIGHT



Global Clusters

Scale horizontally with
geographically distributed,
sharded clusters

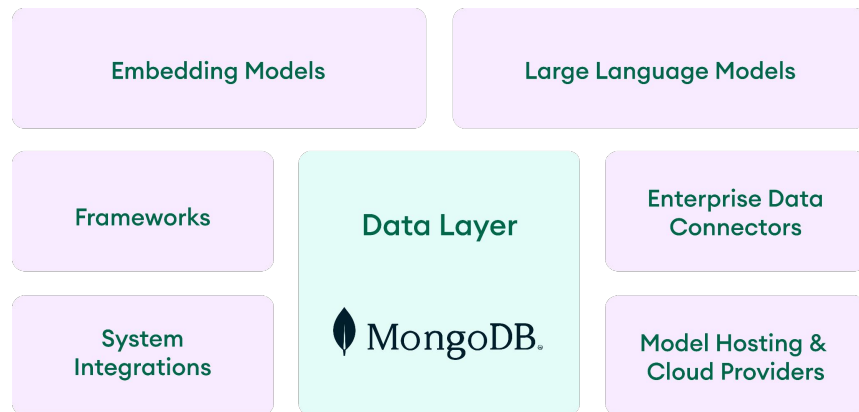
- ✓ Single-digit millisecond latency
- ✓ Document-level residency controls
- ✓ Pre-built templates for global coverage



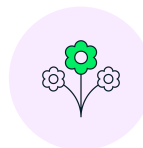
What's New

MongoDB AI Applications Program (MAAP)

Rapidly build and deploy modern applications enriched with generative AI technology at enterprise scale

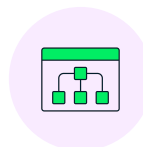


LEARN MORE
ABOUT MAAP



MAAP Ecosystem

Carefully selected, optimized for support and compatibility



Composable Architectures

Infrastructure customized to your needs, extendable to new use cases



Expert Services

Proven implementations, best practices, production applications



Education & Enablement

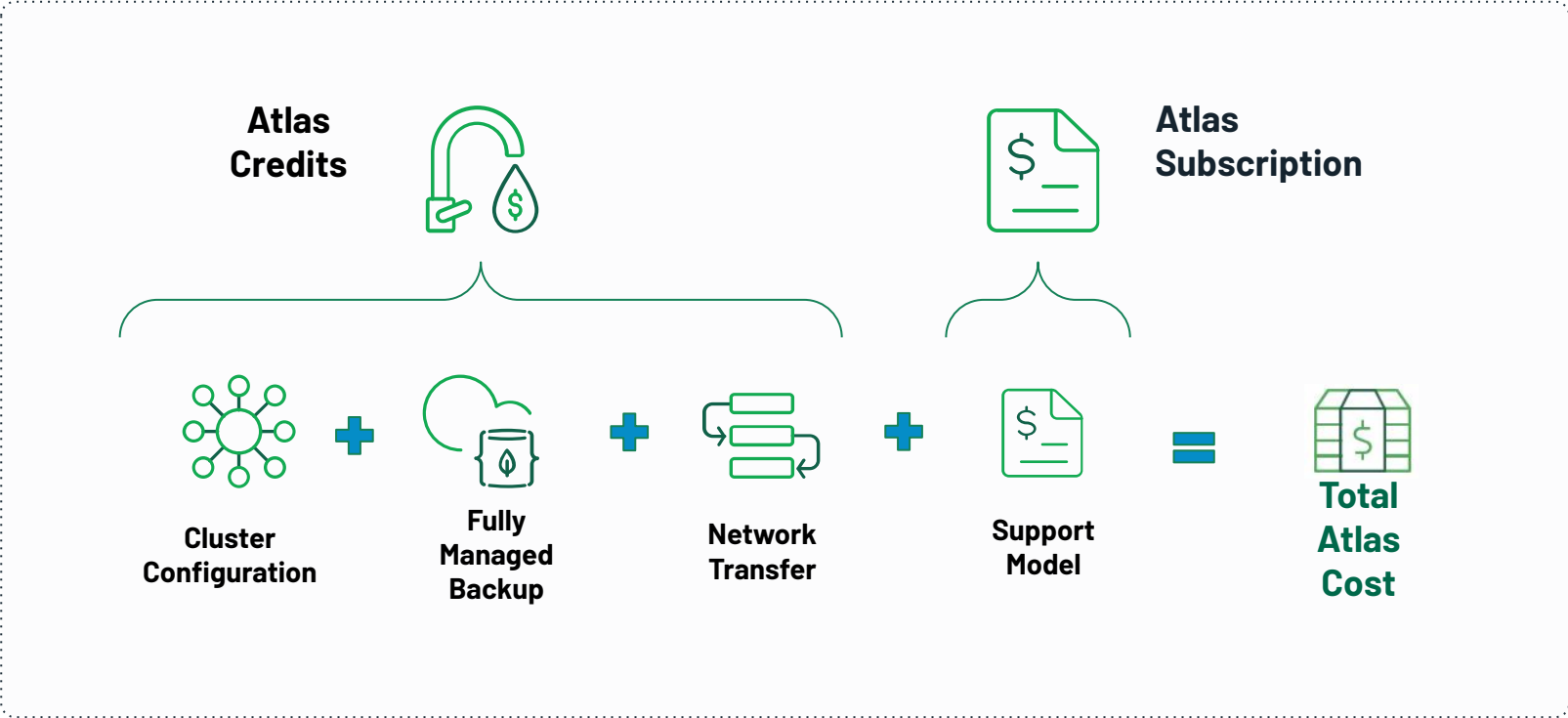
Upskill teams, quickly and repeatedly build modern AI apps

Pricing, Subscriptions, Services





MongoDB Atlas Pricing Model





MongoDB Support Subscriptions

DEVELOPER

Elastic storage
Elastic RAM

.....

8 hrs support SLA*
End-to-end support
24/7 support portal

.....

Support for Compass
On-demand MongoDB
Uni

PRO

Elastic storage
Elastic RAM

.....

2 hrs Support SLA*
End-to-end support
24/7 support portal
Phone support
Emergency escalation
Customer success

.....

Support for Compass
On-demand MongoDB
Uni

ENTERPRISE

Elastic storage
Elastic RAM

.....

30 min Support SLA*
End-to-end support
24/7 support portal
Phone support
Emergency escalation
Customer success

.....

Support for Compass
BI Connector for Atlas
LDAP integration
Granular database
auditing
Encryption key mgmt.
On-demand MongoDB Uni

PLATINUM

Elastic storage
Elastic RAM

.....

15 min Support SLA*
End-to-end support
24/7 support portal
Phone support
Emergency escalation
Customer success

.....

Support for Compass
BI Connector for Atlas
LDAP integration
Granular database
auditing
Encryption key mgmt.
On-demand MongoDB Uni



MongoDB Services



Customer success

Achieve your business outcomes with a strategic MongoDB partner

Professional services

Accelerate development with advisory consulting and project execution support

Product education

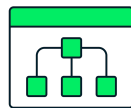
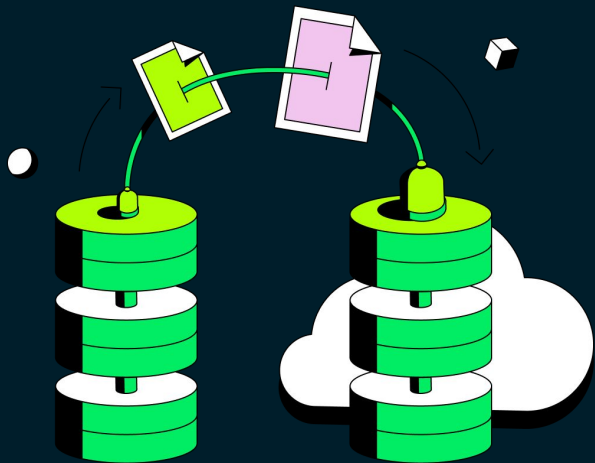
Nurture in-house MongoDB experts with on-demand or instructor-led training

Additional Capabilities

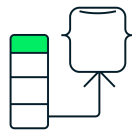


Relational Migrator

Bring your relational
workloads to MongoDB
with confidence



Design an effective MongoDB schema, derived from an existing relational schema.

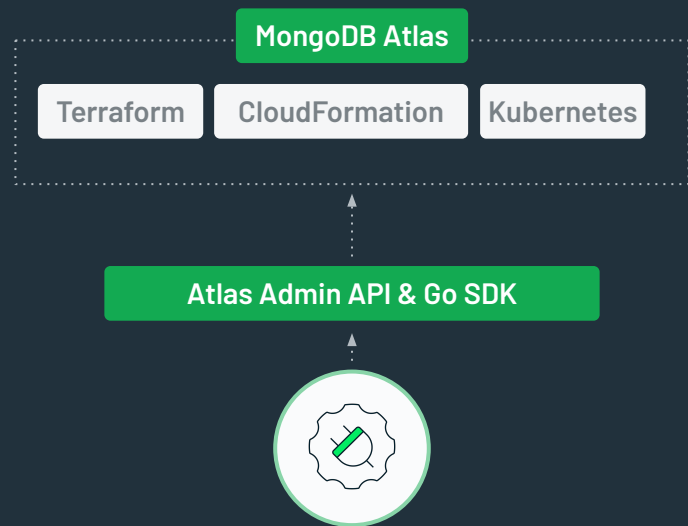


Migrate data from Oracle, SQL Server, MySQL, PostgreSQL, and Sybase SAP to MongoDB, while transforming to the target schema.



Generate code artefacts to reduce the time required to update application code.

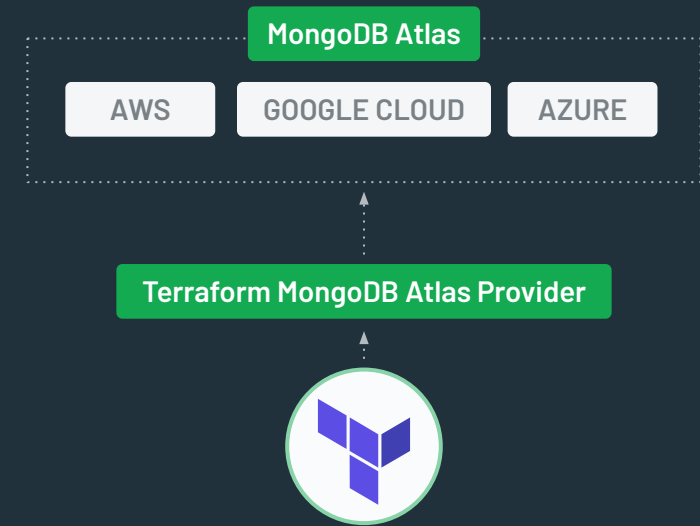




Versioned MongoDB Atlas Administration API

- Manage Atlas programmatically through downstream integrations with Terraform, Kubernetes, and CloudFormation
- Work with the **Go SDK** to quickly get started with the API and get ongoing maintenance to their scripts
- The versioned Atlas Administrative API gives developers a significantly better overall experience in utilizing Atlas programmatically more predictable and consistent experience when handling API changes and better visibility into new features and change

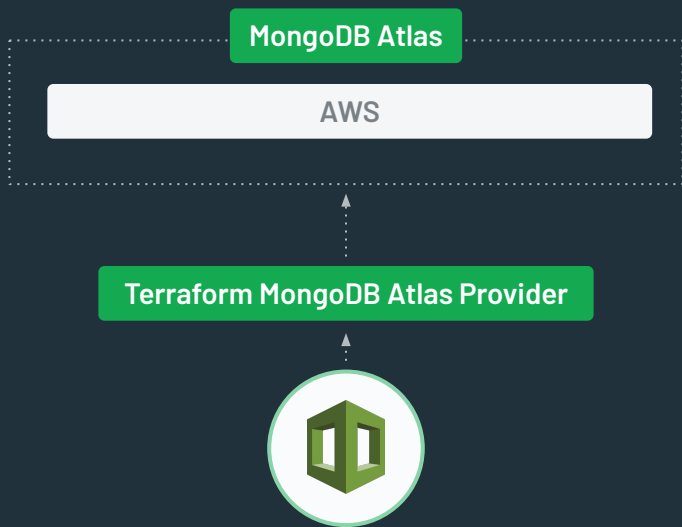




Provision & manage
Atlas with HashiCorp
Terraform and CDK

- Integrate Atlas into your continuous delivery workflow
- The **Terraform MongoDB Atlas Provider** automates data infrastructure deployment by making it easy to provision, manage, and control Atlas configurations as code on any cloud provider
- Alternatively, leverage the **Terraform CDK (CDKTF)** to provision in the language of your choice, with support for JavaScript, TypeScript, Python, Java, Go, and C#

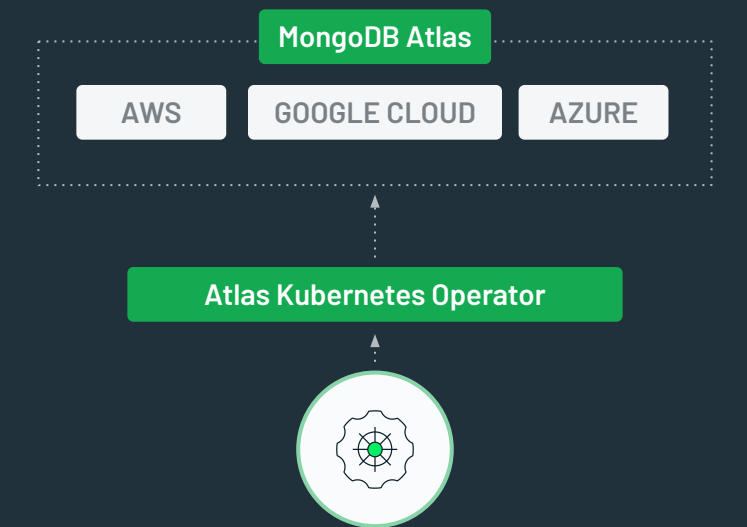




Provision & manage
Atlas with AWS
CloudFormation
resources

- Integrate Atlas into your AWS based deployment pipelines through a variety of different CloudFormation resources
 - **JSON/YAML templates:** Easily download through the CloudFormation Public Registry and get support directly from MongoDB
 - **Partner Solution Deployments (QuickStarts):** Create and manage AWS, MongoDB Atlas, and other Third Party resources directly from pre-configured CloudFormation templates.
 - **AWS CloudFormation CDK:** Deploy cloud infrastructure through the programming language of your choice





Integrate MongoDB Atlas into your Kubernetes deployment pipeline

- Manage MongoDB Atlas alongside the rest of the applications in your Kubernetes stack
- With the **Atlas Kubernetes Operator**, you can easily integrate Atlas into Kubernetes using Kubernetes-native CI/CD pipelines, saving your team from needing new tools or processes to use Atlas with Kubernetes.
 - Standardize management of Atlas in Kubernetes using developer templates provided by MongoDB for Atlas deployments
 - Manage Atlas deployments in or across any of the three major cloud providers: AWS, GCP, or Azure



Thank You

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