

## Datasheet

# Axon Server

Run your next-generation event-driven systems with Axon technology

Axon Server is the flagship product of AxonIQ and complements Axon Framework. Both Axon Framework and Axon Server Standard Edition are free and open source.

### What is Axon Server Standard Edition?

Axon Server provides message routing and event store functionality for developers building applications based on architectural patterns such as Domain-Driven Design (DDD), Command Query Responsibility Separation (CQRS), Event-Driven Microservices (EDM), and Event Sourcing (ES).

## Why does a purpose-built infrastructure make sense?

Axon Server provides an optimized, purpose-built event store with proven performance, efficiency, and throughput. Because of this, Axon Server makes more sense for storing events than SQL and NoSQL databases from a technical, functional, and commercial point of view.

- Zero Configuration Message Routing
- Infinitely Scalable Event Store
- Real-Time Observability
- Security
- Easy Scale-Out
- Real-Time Insights
- Event Sourcing capabilities



## What is Axon Server Enterprise Edition?

Axon Server Enterprise Edition is Axon Server Standard Edition plus additional features for the enterprise deployment in production environments. Axon Server Enterprise is licensed as a commercial product with a full range of support options.

Axon Server Enterprise Edition adds the following enterprise features compared to Standard Edition:

- Clustering
- Multi-Context Support
- Fault Tolerance
- Horizontal Scalability
- Storage Space per Context
- SLA-Backed Support
- Advanced Security
- Data Protection Module (included in Enterprise Edition)
- Multi-Tenancy Support



## Why Axon Server Enterprise Edition?

Axon Server Enterprise Edition is built to run in production environments and where enterprise features are needed.

High Availability is the ability of the system to continue functioning properly regardless of the failure of some components. In particular, an Axon Server Enterprise Edition cluster can be resilient to the complete failure of a certain number of nodes or even an entire region.

Several options for backup nodes provide the ability to automatically have a copy of all event store data in another availability zone or region, either on a best-effort basis or with a guarantee that at least one backup node will contain all event data.

Axon Server Enterprise Edition allows you to find the right balance between high availability and low latency depending on your needs.

Axon Data Protection helps comply with government regulations (GDPR/CCPA) and ensures data privacy at the heart of the system.

Axon Server Enterprise is available in four different support packages:

- Launch Starter Package
- Growth Starter Package
- Silver Package
- Gold Package

## Why AxonIQ

We offer Axon, the best purpose-built event-thinking platform. Axon is an end-to-end development and infrastructure platform that lets you smoothly evolve event-driven systems into microservices.

## Feature overview

	Standard	Enterprise		Standard	Enterprise
<b>Licence</b>			<b>Data Protection</b>		
AxonIQ Open Source	✓	–	Module included (Enterprise)	–	✓
Commercial developer support	✓	✓	GDPR/CCPA Compliance	–	✓
Commercial production support	–	✓	Restricting access	–	✓
			Crypto shredding	–	✓
<b>Messaging</b>			<b>Security</b>		
Event-driven architecture	✓	✓	SSL/TLS	✓	✓
Event Streaming	✓	✓	Basic Authentication	✓	✓
Routing of Commands, Queries, and Events	✓	✓	Per App Authentication	–	✓
			Per App Authorization	–	✓
<b>Event Store / Event Sourcing</b>			Per Context Authorization	–	✓
Audit trail	✓	✓	<b>Availability</b>		
Event Sourcing	✓	✓	Replicated Event Stores	–	✓
Backups	✓	✓	Clustering High Availability	–	✓
Dedicated backup nodes	–	✓	Clustering Automatic	–	✓
Event Replay	✓	✓	<b>Performance</b>		
Multi-context architecture	–	✓	Asynchronous communication	✓	✓
<b>Observability</b>			Constant performance	✓	✓
Realtime systems overview	✓	✓	Tiered Storage	–	✓
Metrics dashboard	✓	✓	Multi-Tenancy Support	–	✓

### Use case examples

New Application Development, Modernizing Software Platforms (Monolith to Microservices), Payments, Administration, Central Register, Marketplaces, E-commerce, Logistics, Crypto Management, Customer Onboarding

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