

Datasheet

Axon Server

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

Axon Server, the flagship product of AxonIQ, is available in two variations, offering standard and enterprise functionality.

What is Axon Server?

Axon Server provides “out-of-the-box” message routing and event store 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. Therefore, Axon Server is a better solution 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?

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

Axon Server Enterprise adds the following enterprise features:

- 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-Tenacy Support

Why Axon Server Enterprise?

Axon ServerEnterprise 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 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 allows you to find the right balance between high availability and low latency, depending on your needs.

“We compared the old and new situation and saw a 2400% performance gain using the Axon stack.”

Shopey Mossavar-Rahmani
Senior Principal Software Engineer, Large Swedish furniture retailer

Feature overview

Axon Server Enterprise trial

Axon Server Enterprise's full functionality can be tried for free for 30 days. Please use the following QR code to get access and more information.



AxonIQ Cloud

[AxonIQ Cloud](#) is a fully-managed Axon Server environment, providing dedicated messaging and event storage in the cloud. AxonIQ Cloud is available in shared, private and custom cluster configurations.

Axon Synapse

[Axon Synapse](#) makes it possible for all applications, regardless of language, to access Axon Server. This solution enables all developers to harness the power of the Axon platform to run their developed applications.

Axon Data Protection

[Axon Data Protection](#) helps comply with government regulations (GDPR/CCPA) and ensures data privacy at the heart of the Axon Server-based system with field-level encryption and cryptographic erasure for the Java Virtual Machine (JVM).

Support

Axon Server Enterprise is available in multiple different support packages.

Feature overview

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

Why AxonIQ

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

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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