Customer brief
Payments

Introduction

Nets is part of Nexi Group. Nexi is Europe's PayTech company operating in high-growth European markets and technologically advanced countries. Nets' portfolio of innovative products, e-commerce expertise, and industry-specific solutions support the digital economy and the entire payment ecosystem globally across various payment channels and methods.

Nets operates in three market segments:
- Merchant services and solutions
- Cards and digital payments
- Digital banking and corporate solutions

Nets offer companies solutions to simplify payments and enable people and businesses to buildcloser relationships and grow together.

> " *Overall, the use of event sourcing, AxonServer, and CQRS (Command Query Responsibility Separation) with tracking event processors have been significant advantages in our development process. These features have enabled us to build highly resilient, scalable, and responsive applications that meet the needs of our business and our customers."*
>
> - **Tilottama Gulame**, Delivery Manager

Benefits of Axon

- Proven technology
- Flexible
- Scaleable
- Auditable
- Compliant

The challenges and the solutions

Two design patterns were more or less a given as Nets started the design of their new platform, namely CQRS and event sourcing. Axon Framework was helpful in providing much of the architecture needed, and enabled Nets to focus on **business logic**.

By using event sourcing, Nets can produce an out-of-the-box audit trail, which is essential in many industries, but especially in financial services. This is crucial for **compliance** and **regulatory** purposes.

Nets use of CQRS with event tracking processors has already been **valuable**, despite the system's short lifespan. New or changed requirements were deployed by which the projections auto-generate without human interaction

CQRS enables Nets to separate its read and write models. This simplifies its architecture, makes it easier to manage and scale its applications, and optimizes the persistence layer for each individual purpose. It simplifies its event processing and ensures that its applications remain responsive and well performing even under heavy loads.

Axon Server provided another significant advantage to Nets. Its deployment topology is exceptionally flexible and proven invaluable in its changing environment. Nets is able to deploy its applications on premise, in the cloud, or in a hybrid environment. This gives Nets the **flexibility** it needs to adapt to changing business requirements and shifting technology landscapes.

Country
Denmark (with locations across Europe)

Industry
Financial Services

Use case
Payments

Company size
Enterprise (Nets, 4.500+ employees)

Featured AxonIQ products
- **Axon Framework**
- **Axon Server Enterprise**
  Clustering, high availability, disaster recovery, backup data protection.

Related content
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  www.nets.eu

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