

# A Future Built on Simplicity

NATS.io Modernizes FinecoBank's Messaging for a Cloud-Ready Future



## CHALLENGES

- Modernize Fineco's messaging system to address developer & customer needs
- Replace Tibco's Rendezvous with an open source/cloud-native messaging system
- Enable faster innovation and future cloud integration

## NATS

- Open source, cloud-native messaging & communications platform
- Scalable, low latency & HA system that eliminates the need for multiple specialized tools/middleware
- Simple to migrate/use/deploy, lightweight & fast, secure & compliant

## RESULTS

- Smooth & easy developer adoption due to familiarity with NATS
- Enables low-effort system administration, secure messaging & compliance
- Provides scalability & flexibility with future integration into more operations
- Positioned for the future with multi-cloud choice



*“Simplicity is particularly important to FinecoBank. Simplicity and ease of administration – that’s why NATS.io is our connectivity platform of choice for the future.”*

- Franco Sabini,  
Head of IT,  
Trading Online,  
FinecoBank

## ABOUT FINECOBANK

[FinecoBank](#), an Italian bank specializing in online brokerage, replaced its TIBCO Rendezvous infrastructure with NATS.io to manage its transactions and data flow effectively across European and US exchanges.



*“It is the low effort required for administration that really nailed NATS as our connectivity platform of choice to build on for the future.”*

For more information about how Synadia’s solutions can transform your operations, visit [Synadia.cor](#) or or [contact](#) our team.

SYNADIA.COM



CONTACT US

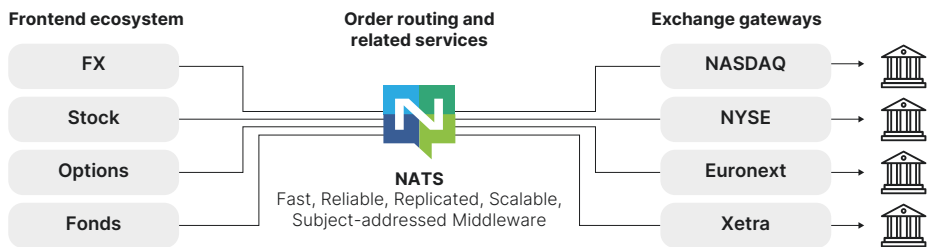
## Challenges

FinecoBank, an Italian bank specializing in online brokerage and the #1 bank in Italy according to a [2024 Forbes survey](#), needed to effectively manage transactions and data flow for its online trading system across European and US exchanges.

For the last 20+ years, Fineco had been using TIBCO Rendezvous (RV) messaging infrastructure to manage the order flow in its trading platform. Due to system administration issues, Fineco needed to replace the existing TIBCO Rendezvous system, which was deeply integrated into the bank’s operations.

### Business Driver

Need for an agile trading system across exchanges



NATS: a resilient middleware for handling and archiving orders, enabling the ability to adapt to market requirements and innovation

## NATS

NATS, a low-latency, scalable, cloud-native, open-source messaging platform for distributed applications, is enabling FinecoBank to modernize its messaging operations with a platform it can build on.

As a centralized message broker, NATS gives the bank more control over messages: how many messages are ready to be consumed and the exact application message rate. Fineco chose NATS because it covers all Fineco’s needs: request/reply, queue subscriptions, guaranteed message delivery and a wide range of languages.

## Results

NATS allowed Fineco to maintain a two-cluster system (one each for backend and frontend applications), all managed on premises in Milan, with future plans for cloud integration.

- **Ease of migration and administration:** The migration from RV to NATS was smooth and easy due to design similarities; both are subject based with similar design paradigms.
- **Flexibility and scalability:** NATS is used for transaction messaging, as well as market data, demonstrating its potential for further integration into different bank operations.
- **Efficiency and readiness:** With NATS, the bank improved operational efficiency and readiness for future technological integrations and advancements.
- **Multi-cloud choice:** NATS positioned the bank for the future with its cloud-agnostic integration capabilities.
- **Data persistence:** The bank’s backend applications widely use JetStream for persistent messages, “fire and forget” messages and queue groups.
- **Improved developer productivity:** Using NATS streamlined developer workflow due to design similarities between RV and NATS.

The transition to NATS enabled Fineco to efficiently modernize its operations for growth and better serve customers in a rapidly changing finance world.

*“As an international bank, we must consider liability and compliance, as well as performance. We envision NATS easily implemented into critical bank operations to grow reliable and effective services, as well as moving to the cloud.”*

