



CASE STUDY

# Innovative Japanese bank digitizes wholesale business with AWS and KX

Global Head of Wholesale Digital

“In 5 years’ time between 30% and 40% of our business may not operate as it does today, especially as non-banks take market share in the wholesale space.”

Organization: **Japanese Financial Holdings Company**  
Geography: **Global**  
Industry: **Financial Services**  
Employees: **28,000+**

This Japanese investment bank has a strong innovative strategy to stay competitive, grow revenue, and help the firm enter new business. Looking forward, they invested in artificial intelligence (AI) trading ventures that develop various investment strategies. This solution capitalized on the company’s plan to accelerate their wholesale digital transformation journey, including developing new trading tools for market participants in wholesale financial markets. The bank’s system covers fixed income, equity, foreign exchange, institutional and mutual funds, providing its asset management’s portfolio managers, traders and compliance teams with front office decision support, trading and compliance tools.



**RFQs enhanced with KX’s real-time engine by adding bond and pricing data**



## JAPANESE FINANCIAL HOLDINGS COMPANY

### THE CHALLENGE

Like other global banks, they manage hundreds of different databases scattered throughout its departments running on-premises on physical servers. No longer having found this efficient, a wholesale digital office was developed to stay competitive and re-strategize their data strategy solution to centralize and manage the diverse databases. Part of their digital transformation objective was unifying all the databases into one environment in the cloud - they needed to find the right technology that could manage large volumes, centralize its databases, and scale easily.

### WHY KX

As a customer of KX for 10+ years, they knew they could rely on KX's team and its real-time database to easily migrate to the cloud. The bank partnered with KX's customer success team to ensure all the data would be in one place and easy to use in the cloud. Today, KX's team continues to build and maintain their data. Utilizing KX on AWS, the bank can easily auto scale servers for queries while leveraging Amazon's S3 Data Storage to ensure data is secure.

## ➤ Real-time monitoring and alerting of algo trading

### THE BENEFITS



**Instant access to consolidated data** for informed decision making



**Real-time monitoring and alerting** of algo volumes



Ability to build models to **develop trading strategies** for traders



Seamlessly add servers and users **without downtime**



**Lowered cost** of data storage by using Amazon S3



**Autoscaling and auto storing** to minimize TCO