



# Powering Modern Finance: Inside a Cloud-Native Success Story

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# Helping you harness the power of Cloud & DevOps to drive your business forward

## ABOUT US

8+

Years in the market

80+

Launched AWS projects

90+

Employees

## LOCATIONS



Toronto, Canada

HQ & Engineering



Krakov, Poland

Engineering



Tallinn, Estonia

Engineering

## AWS VALIDATED QUALIFICATIONS

- Migration Consulting Competency
- DevOps Consulting Competency
- AWS Well-Architected Partner Program
- Authorized Commercial Reseller
- AWS Public Sector Partner
- Generative AI Services Competency

- Database Migration Service Delivery
- Control Tower Delivery
- EKS Delivery
- CloudFront Delivery
- API Gateway Delivery
- EMR Delivery



## CLOUD & DEVOPS SERVICES

Cloud



Containers & Microservices  
Data Platform  
Management & Optimization

Migration



Assessment & Strategy  
Planning & Execution  
App Modernization


DevOps



CI/CD & IaC  
Observability & Compliance  
Automation & Monitoring

## GENERATIVE AI SERVICES


MLOps



Platform Engineering:


- Model Deployment & Inference
- Data Curation
- ETL & Model Training Pipelines

Generative AI



LLMs And FMs Fine Tuning & Optimization  
Prompt Engineering  
ChatBots & Virtual Assistants Engineering

AI Maintenance



Observability & Monitoring  
Troubleshooting & Model Retraining  
Post-Deployment Management



# KOR FINANCIAL: DESIGNING AND LAUNCHING A FAST SCALING PLATFORM

## BACKGROUND

KOR Financial operates global licensed derivative trade repositories and offers services for derivatives reporting mandates. KOR serves major global financial institutions handling trillions of dollars in derivative trade volume. KOR required technical support in designing the first ever cloud-based data repository platform for the derivatives market.

## CHALLENGE

KOR embarked on a groundbreaking journey to create the first trade repository in the cloud. The new platform needed to be mature enough to integrate with global financial regulators. The platform was crafted with key principles: flexibility, robustness, scalability, responsiveness, and maintainability. Dedicattad had to adopt unconventional methods to design a platform that met KOR's needs:

- **Infinite on-demand data.** KOR is required to store data for 50 years with on-demand accessibility. This critical need for scalability led us to adopt Apache Kafka as their System of Record with infinite storage, moving away from traditional SQL databases.
- **Sub-second data processing.** Fast submission processing is crucial for competitiveness, with strict scalability demands ranging from zero to one million submissions within five minutes, while keeping cost efficiency in mind.
- **Geo-isolated environments.** Dedicattad designed a multi-tenant, geo-spread, and isolated platform with data field-level encryption to comply with regulatory requirements that prohibit data from leaving the country.

## VALUE DELIVERED

KOR now holds licenses from 3 of the 9 worldwide financial regulators and operates with 99.9999% uptime in the US and Australia. They are currently preparing to launch their services in Canada in Q3 with Dedicattad responsible for the technology requirements.

Throughout the partnership, Dedicattad worked with AWS to get KOR approved for Migration Assessment Program. As a result, AWS has approved a separate MAP for every location with a total support exceeding \$2 million.

Dedicattad's expertise allowed to achieve an incredibly fast scaling platform while maintaining high cost-efficiency. As a result, the KOR platform can now handle 1000 – 15000 requests per second without performance degradation thanks to fast on-demand scaling capabilities.

Read more about the platform: [here](#)

## TESTIMONIAL

“ Dedicattad is a great Cloud & DevOps services partner. Their expertise and work ethic are outstanding and we love working with them.

”

Andreas Aevers,  
KOR Financial CTO



## CONTACTS

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Cloud & DevOps services partner