

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

ABOUT US

8+ Years in the market

70+ Launched AWS projects

80+ Employees

LOCATIONS



Toronto, Canada
HQ & Engineering



Krakow, Poland
Engineering



Lviv, Ukraine
Engineering

AWS VALIDATED QUALIFICATIONS

- Migration Consulting Competency
- DevOps Consulting Competency
- Generative AI Services Competency
- AWS Public Sector Partner
- AWS Well-Architected Partner Program
- Authorized Commercial Reseller
- EKS Delivery
- CloudFront Delivery
- Control Tower Delivery
- API Gateway Delivery
- EMR Delivery
- Database Migration Service 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

Michal Ksycinski | Business Development Director

mksycinski@dedicattad.com

<https://dedicattad.com>

