

CASE STUDIES

ONWELO

MICROSERVICES

LAB



**Client:**

German start-up creating a platform for interbank communication

Product / Service:

DevOps services

Industry:

Financial

Goal:

- To design, develop and maintain a platform based on public cloud, OpenShift cluster, Docker and CI/CD automation tools
- To support a team of developers in developing tools that provide the required functionality

Challenges and **problems**

- ★ Adapting to the requirements of a very high level of security
- ★ Application of new technologies and tools that have not been tested in practice yet
- ★ International character of the project, multiculturalism and multilingualism (Polish, German, English)
- ★ Maintenance service — ensuring the adequate stability and performance of the platform



Tasks

- ★ Analyzing the current state of the platform being developed
- ★ A thorough reconstruction of architecture
- ★ Ensuring full automation of implementation processes
- ★ Migrating the current state to a newly built platform
- ★ Participating in platform development
- ★ Platform development and continuous modifications



02.

Client:

A Polish company handling claims mainly in the financial sector

Product / Service:

DevOps services

Industry:

Debt collection

Goal:

- To design, develop and maintain a platform based on private cloud, Mesos cluster, Docker and CI/CD automation tools
- To prepare an Oracle database platform
- To support a team of developers in developing tools that provide the required functionality
- To maintain the entire platform in the Managed Services model

Challenges and **problems**

- ★ High level of project complexity — client's high expectations
- ★ Compliance with legal regulations
- ★ Ensuring a high level of platform security
- ★ Compliance with the requirements of GDPR
- ★ Application of new technologies and tools that have not been tested in practice yet

Tasks

- ★ Designing the platform's architecture in accordance with the client's business requirements
- ★ Building a platform using Mesos, Marathon, Docker, Jenkins, NGINX, and Elasticsearch tools



- ★ Designing and developing database structures based on the Oracle database engine
- ★ Ensuring full automation of implementation processes
- ★ Participating in platform development
- ★ Platform maintenance and continuous modifications
- ★ Monitoring IT resources and controlling business processes



Client:

An international start-up operating in the banking sector

Product / Service:

DevOps services

Industry:

Financial

Goal:

- To design, develop and maintain a platform based on public Google Cloud, Kubernetes cluster, Docker, Terraform, Ansible, Kafka and CI/CD automation tools
- To prepare the Oracle database platform
- To support a team of developers in developing tools that provide the required functionality
- To maintain the entire platform in the Managed Services model

Challenges and **problems**

- ★ High level of project complexity — client's high business expectations
- ★ No specific technology stack — needed to conduct a large number of PoCs (long Research and Development process)
- ★ Compliance with regulations of the international banking law
- ★ Ensuring a high level of platform security
- ★ Compliance with the requirements of GDPR
- ★ Application of new technologies and tools that have not been tested in practice yet

Tasks

- ★ Designing the platform's architecture in accordance with the client's business requirements
- ★ Building a platform using Kubernetes, Docker, Terraform, NGINX, Elasticsearch, and Kafka tools
- ★ Ensuring full automation of implementation processes
- ★ Participating in platform development
- ★ Maintaining the Google Cloud environment
- ★ Maintaining the developed platform and continuous modifications
- ★ Monitoring IT resources and controlling business processes



Our offices



www.onwelo.com
contact@onwelo.com

WARSZAWA

ul. Karolkowa 30
01-207 Warszawa
warszawa@onwelo.com

KRAKÓW

ul. Prądnicka 20a
30-002 Kraków
krakow@onwelo.com

NEW YORK

85 Broad Street
NY 10004
nyc@onwelo.com

KATOWICE

ul. Chorzowska 6
40-101 Katowice
katowice@onwelo.com

KIELCE

ul. Zagnańska 49
25-528 Kielce
kielce@onwelo.com

GDAŃSK

ul. Azymutalna 9
80-298 Gdańsk
gdansk@onwelo.com

LUBLIN

ul. Nałęczowska 14
20-701 Lublin
lublin@onwelo.com