

Driving Innovation and Scalability for Europe's Leading Independent Financial Service Provider

Industry: Fintech
Service: DevOps-as-a-Service
Duration: 1,5 years

- Fintech
- Banking
- DevOps
- Cloud Migration
- Team Education
- GitlabCI
- Hashicorp Vault
- Sonatype Nexus
- Kubernetes
- Terraform
- Ansible
- Vmware
- PCI DSS
- Packer

The client is one of the **largest independent financial service providers** in Central and Eastern Europe. Operating in 10+ countries, the company covers the needs of 16.3 million active customers with both **banking services and quality software for it**. Intending to **improve one of their applications significantly**, the client started cooperation with OpsWorks Co.

16M+
active customers

10+
countries covered

\$1.35B
income in 1Q 2023

25+
years on the market

Client's Goals

1. Level up one of their software apps, switching to new technologies and approaches
2. Comply with strict security and safety conditions to ensure user data protection



Client's Challenges

- Legacy Software**
The application client needed help with was there for quite some time. Lacking any documentation, their in-house team struggled to understand how to operate, deploy, or maintain the software. Recognizing the significance of the problem, they sought external expertise to find a viable solution.
- Disaster Unreadiness**
Unsure of effectively managing the app, the client realized they were also unprepared for potential emergencies. Building a comprehensive disaster plan and step-by-step emergency guides has become a priority.
- Strict Security Requirements**
Working in financial services and banking, the client highly values the safety of its customers' data. That is why it was important for the team and application to comply with all security requirements.







OpsWorks^{Co.} Solution

- Reverse Engineering**
To unravel all the aspects of the system, our team used the Reverse Engineering technique. By studying the app through experimentation and testing, we pieced together a clear understanding of its architecture, functionalities, and dependencies into comprehensive documentation.
- Team Education**
Recognizing that each client's team member has their own experience level, we tailored a comprehensive course to bring everyone on the same page. We also improved in-house staff competency by offering hands-on expertise and guidance, enabling them to use unfamiliar technologies confidently.
- Security Requirements Compliance**
We established a strong foundation for security compliance, such as PCI DSS, from ground-up infrastructure development to elevating the product with modern solutions like Kubernetes. Configuring access to the Oracle DB and implementing Hashicorp Vault, our experts ensured users' data protection. Additionally, we trained the internal team in handling unsealing procedures, reinforcing the system's robustness.

Results & Benefits

-  **Scalable infrastructure made from scratch**
-  **Resilient system with a disaster recovery plan**
-  **In-house team expertise improvement**
-  **System compliance with security requirements**

Technology Stack

- Hashicorp Vault
- GitlabCI
- Sonatype Nexus
- Terraform
- Ansible
- Vmware

Sustainable growth begins with a sustainable infrastructure!