PRINTING SERVICES AS SAAS IN THE SUBSCRIPTION MODEL

New Strategic Solution Significant Improves Available of Service for new Customers

CHALLANGES

The company needs to modernize its services in the field of offset printing so that it can provide services in the SaaS model.
This will allow to reach new customers who so far did not have adequate facilities to install large-size printing machines.
The company has no experience in migrating on-prem solutions to the cloud.

SOLUTIONS

The solution consists in adapting the solution to the requirements of the cloud and includes: designing the infrastructure in the cloud, preparing the automation of the installation, adjusting the software to the requirements of the cloud, using native cloud services, etc.

Additionally, in order to launch the service in the Cloud, a new Security was designed and implemented, a multitenant mode with isolated data was prepared, and the supported types of printing machines were expanded.

BENEFITS

Increase in sales of services
thanks to the SaaS model and subscription, the company acquired new customers

Digital transformation
The implementation of the first solution to the cloud is a step towards the digital transformation of the company. The cloud solution allows you to significantly automate processes and integration with other solutions.

Time-to-market
Significant Improvement in time-to-market from even 3-month to 1-day release

AT A GLANCE

Objectives:

- Migrating existing on-prem solution to the Cloud
- Reducing time-to-market
- Subscription model
- Providing aproppriate Security

Solution:

- Cloud-based SaaS solution
- Multitenant support
- New products available
- Full automation including tests

PROJECT DETAILS

Client
Heidelberger Druckmaschinen AG
10 000+ employees

Solution
Cloud service

Technology
Cloud Service: AWS Cloud, Docker, Java Spring Boot, Angular, OAuth2, REST API

Tools
GitLab CI/CD, AWS DevOps, Terraform