

# Client Case

## Client Objectives

- 01 Separate service scalability and marketability
- 02 Cloud maturity
- 03 Fast time to market
- 04 Zero downtime during releases
- 05 DevOps culture adoption

## Client Initial State

- 01 Slow releases
- 02 No scalability
- 03 Interruptions and outages during releases
- 04 Monolith related issues bringing to bottlenecks during releases

## Action Pack/Technologies Used

- ▶ Assessment and high-level roadmap through app and infrastructure modernization
- ▶ DevSecOps culture adoption
- ▶ DevSecOps
  - Git branching model setup
  - CI/CD pipeline using Azure DevOps
  - Cloud migration (IaaS, PaaS)
  - Resource optimization in the cloud
  - APM and infrastructure monitoring integration
- ▶ App modernization
  - Microservices and containerization
  - Refactoring of the client application
- ▶ New technology stack
  - Transition from traditional webapp services with expansion to cloud-native
  - Web app firewall, role-based access control
  - Azure Active Directory integration with services, thus B2C identity-as-a-service implementation
  - Secret management

## Client Outcomes

- 01 Scalable and secure application running on microservices
- 02 Sophisticated cloud and DevSecOps practice
- 03 Zero-downtime, rolling updates, fast time to market
- 04 Increased productivity