

DevOps Expertise

DevOps is a set of cultural philosophies, practices, and tools that software development and IT operations teams use to build, test, and release software with speed and quality.

DevOps is essential for any business aspiring to have greater business agility and succeed in digital disruption. See how DataArt can get you there.

DevOps as a Service



Cloud



Continuous Integration



Automated tests



Automated infrastructure management



Automated deployment



Centralized logging



Automation of security and compliance



Monitoring and escalation



Automated environment analysis

Services



Continuous Integration and Delivery Tools

- › CI: Jenkins, Bamboo, TeamCity, TravisCI, and Concourse
- › CD: Spinnaker, and Harness.io
- › Artifactory: Nexus, and Jfrog
- › Azure native CI/CD with Azure DevOps



Automated Testing

- › JMeter, Artillery, Tsung, and Gatling
- › Selenium, Appium, SauceLab, and Browserstack
- › Test Complete, and QTP



Infrastructure Management

- › Kubernetes (AKS, Kops, and Konvoy)
- › OpenShift
- › Rancher
- › Docker ecosystem
- › Azure ARM
- › Terraform
- › Puppet, Chef, and Ansible
- › OpenStack



Azure Analytics and Dashboards with AppInsights

Benefits of DevOps



Agility. Shorter release cycles, faster infrastructure changes, faster development and testing



Quality. Eliminate human factor from routine tasks, automation of complex procedures



Governance. Costs and resource ownership transparency



Continuity through portability and automation



Costs and time saving

Continuous Integration

Best practices that improve quality and streamline development process:

- › Scalable CI
- › Pipelines
- › Fixed revisions and versions
- › Isolated changes and scope
- › No overnight builds — decomposition and parallel running.
- › Build config as code
- › Build on commit
- › Automatic code review
- › Reporting
- › Advanced analytics to support release processes

About DataArt

A global software engineering firm that takes a uniquely human approach to solving problems.



20+

global locations

3500+

consultants & engineers

95%

return clients

23

years in operation