AZURE TERRAFORM IMPLEMENTATION

Better efficiency of cloud management

Implementing the cloud with Infrastructure-as-a-Code (IaC) will help you manage your environment more efficiently and securely

Terraform is one of most popular Open-Source tool for deploy infrastructure as a code. Using the programming model of implementation, you can easily create repeatable solutions and implement them in a CI/CD model, which provides the ability to test before deployment and version control.

As part of our service, we will help you learn the implementation methodology using code, prepare solutions for code maintenance, and convert your environment into code.
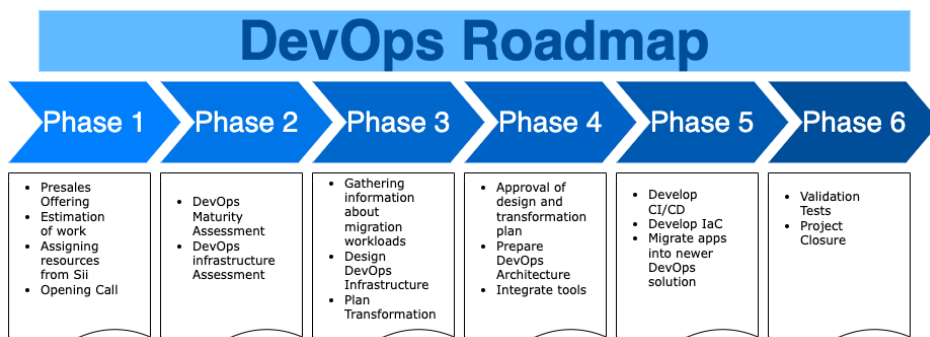
We support various code repositories - such as Azure DevOps, GitHub or Terraform Cloud Workspaces.

The standard implementation process consists of the following phases

1. Assessment of current environment to estimate the scope of work and implementation costs.
2. Preparation of the selected environment for code maintenance and deployment solutions
3. Converting an existing solution to code and implementation of a test in a test environment
3. Automated deployment testing against Well-Architecture framework
4. Production implementation in a production environment
5. Training and technical documentation
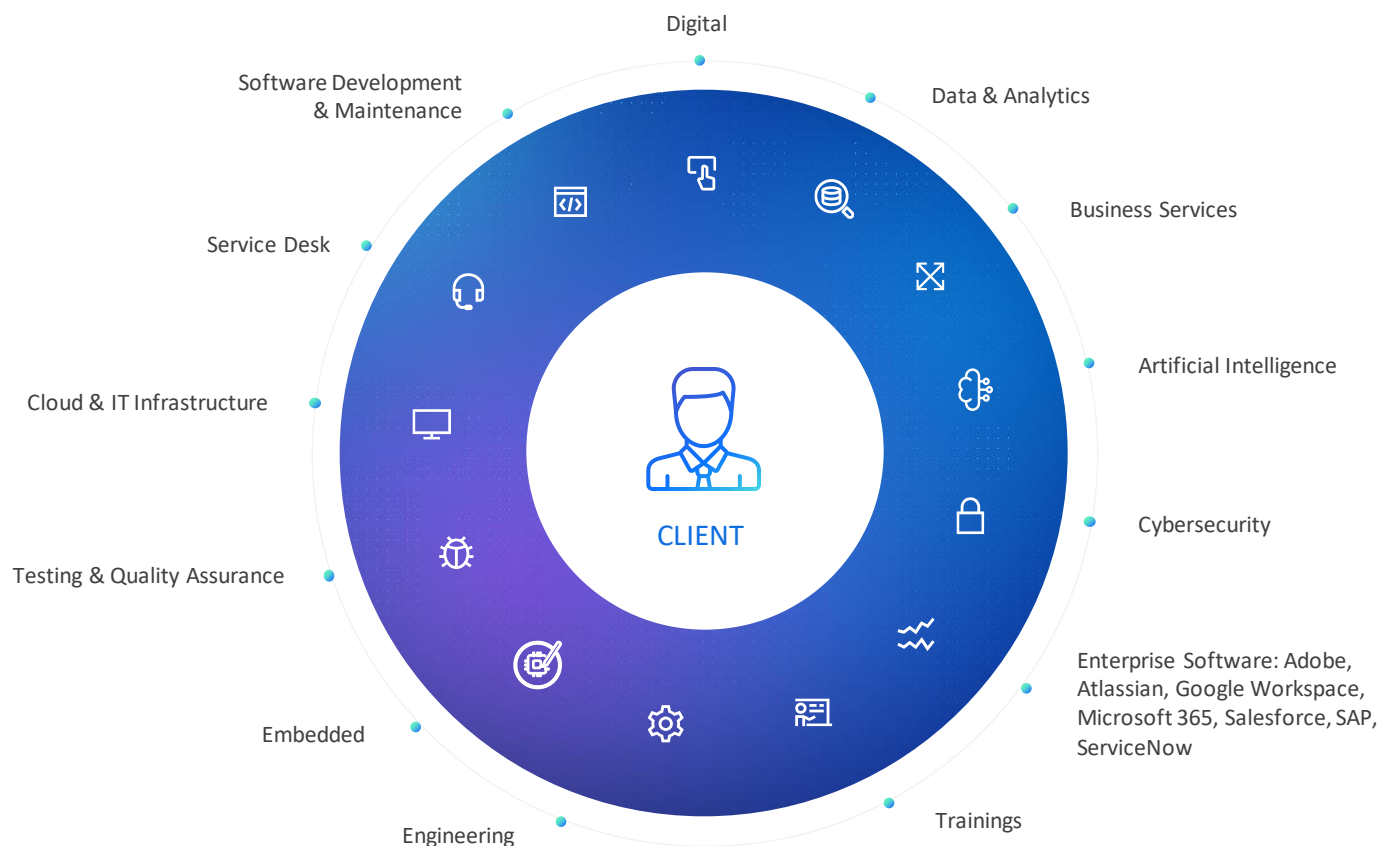
Why our clients decide on our help:

➢ They gain a solution that allows for better cloud management

➢ They increase flexibility by automated implementation of pre-prepared Azure services

➢ Reduction of the risk of production errors thanks to the test mechanisms of the solution

➢ An additional layer of service security - through a copy of the entire infrastructure configuration

DevOps Roadmap

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
• Presales Offering • Estimation of work • Assigning resources from Sii • Opening Call	• DevOps Maturity Assessment • DevOps infrastructure Assessment	• Gathering information about migration workloads • Design DevOps Infrastructure • Plan Transformation	• Approval of design and transformation plan • Prepare DevOps Architecture • Integrate tools	• Develop CI/CD • Develop IaC • Migrate apps into newer DevOps solution	• Validation Tests • Project Closure

Offer – One-stop shop

Digital

Data & Analytics

Business Services

Artificial Intelligence

Cybersecurity

Enterprise Software: Adobe, Atlassian, Google Workspace, Microsoft 365, Salesforce, SAP, ServiceNow

Trainings

Engineering

Embedded

Testing & Quality Assurance

Cloud & IT Infrastructure

Service Desk

Software Development & Maintenance

CLIENT

Tangible Benefits / Desired Outcomes

✓ You take care of your business development - we take care of the cloud

✓ Our architects will support you in the latest technologies

✓ We are ready to maintain your infrastructure with dedicated support team

Why Sii

600 certifed experts

Solution Architects, Network Engineers, Security Engineers, DevOps Architects, Data Engineers, Azure Administrators, Azure Developer, Cybersecurity Artchitects, D365 Consultants, Power BI Analysts

Leading cloud services

Microsoft Azure, Microsoft 365, Dynamics 365, Power Platform

Innovative industry solutions

For manufacturing banking, healthcare, real estate and public sectors

End-to-end Project Support

Mrom preliminary data analysis, target model creation, implementation on dedicated devices to maintenance