



# 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.

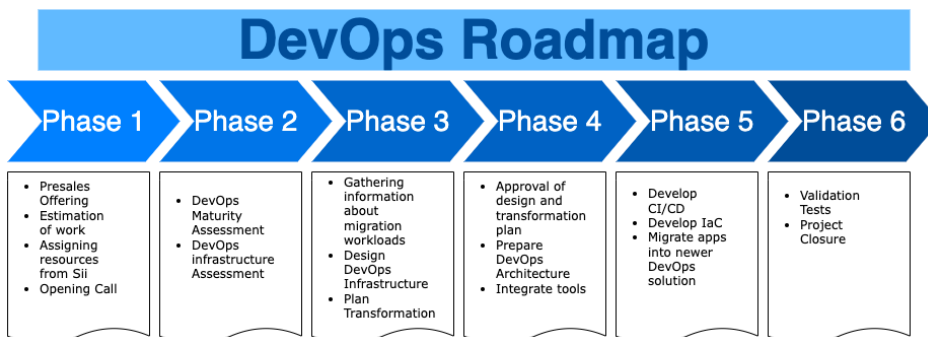
We support various code repositories - such as Azure DevOps, GitHub or Terraform Cloud Workspaces.

## 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.

## 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



# The scope of our Azure services

## Cloud Readiness Briefing

- Cloud overview and general benefits of adoption
- How to solve the current challenges of an organization using cloud
- Initial assessment of the company's readiness for adoption

## Azure Cloud Assessment

- Audit of Azure Cloud implementation and management procedures
- Recommendations for increase Security, High Availability, Costs optimization and other best practices
- Initial Action Plan with task priorities

## Cloud Ready environment

- Documentation of requirements for cloud governance and management
- Requirements for compliance with internal procedures and regulations
- High-level architecture and documentation

## Azure TF Implementation

- Preparation of environmental management methodology using Terraform
- Implementation of tools and processes
- Support in migrating resources to code
- Trainings for engineers

## Monitoring Azure

- Analysis of the monitoring environment and the expected results
- Implementation of the Azure Monitor and other tools
- Trainings for business owners and technical engineers

## Migration to the Cloud

- Assessment servers, virtual machines and network environment
- Choice of resource migration methods and work schedule
- Resource migration, cost optimization, management solutions

## Technologies

We use various technologies to meet your needs



## 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

### 350+ certified experts

Solution Architects, Network Engineers, Security Engineers, DevOps Architects, Data Engineers and Azure Administrators

### Leading cloud platform

Microsoft Azure

### Innovative industry solutions

for manufacturing banking, healthcare, real estate and public sectors

### End-to-end Project Support

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