Building Block

Azure Kubernetes Service (AKS)

Ready-made Kubernetes container orchestration

- ✓ Take the **next step** in your Azure cloud journey by leveraging the power of **container orchestration on Kubernetes**
- ✓ Hit the ground running with out of the box **automation**, **security,** and **configuration** features
- ✓ Benefit from the **sum of our experience** with dozens of cloud projects
- ✓ Plan for success with **100% fixed cost** and a **reliable timeline**

Automation, security, and flexible configuration

Automation

- Provisioning and configuration using Infrastructure as Code (IaC)
- Fully automated ramp up and tear down pipelines
- Infrastructure testing
- Automatic update checks
- Node autoscaling
- … and more

Security

- Environment network separation
- Software Bill of Material (SBOM)
- Infrastructure Bill of Material (IBOM)
- Continuous security posture reporting (CVE detection)
- … and more

Configurability

- Single environment (e.g. only DEV), or multiple environments (e.g. DEV, STAGE, & PROD)
- Node virtual machine types (architecture, memory, cpu)
- Network sizes
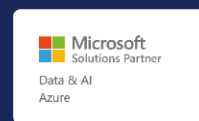- Add-ons for observability, GitOps, Pod autoscaling
- … and more

"***Azure Kubernetes Service*** *(AKS) is an effective next step in a company's cloud journey.* ***Kubernetes****, originally developed by Google, is an open source system that offers scalable, flexible, as well as cost-efficient deployments of containerized workloads and comes with a vast ecosystem of tools and applications.* ***Microsoft Azure*** *provides industry leading cloud computing services that integrate perfectly with the broader Microsoft software landscape.*"

— Maximilian Schaugg (Lead Cloud Architect, MaibornWolff GmbH)

Do you like to learn more about the benefits and opportunities of an AKS cluster?

Get in contact with our expert Maximilian: