



Container Application deployment platform with Kubernetes

Objective



To provide you with a completely managed cloud native and cloud agnostic container orchestration platform using Kubernetes. You can offload infrastructure management from the in-house team and focus on the product you develop.

Our team of infrastructure specialists along with world class 24/7 support team will deploy and manage the platform which consists of:

- Container orchestration platform including Azure Kubernetes Services and associated infrastructure components
- Continuous deployment of Kubernetes components following GitOps principles
- Continuous integration and continuous deployment of applications to the Kubernetes cluster following GitOps principles

The platform is targeting four main patterns that benefit from using containers:

- Frontend and Backend applications
- High Power Computing
- GPU workloads
- Machine Learning and Artificial Intelligence



Benefits

- ✓ **Time to market:** The platform provides ability to quickly deploy hundreds of applications with a small infrastructure team
- ✓ **Centrally managed and secured.:** Our cloud specialist team develops and manages your Meliora platform centrally ensuring a secure, reliable, scalable and operable container platform
- ✓ **No Kubernetes skills:** Enable a state-of-the-art container orchestration platform with little to no skills needed on your side about Kubernetes



Features

- ✓ **Modular and Open source:** Follows modular approach with default project consisting of open-source components and you will have the flexibility to change components if needed. Can be plugged into your existing systems
- ✓ **GitOps principle:** The platform uses IaC to deploy infrastructure. Other components are deployed in GitOps fashion by the CD tooling running in the cluster.
- ✓ **Cloud native and Cloud agnostic:** Although Azure is our preferred cloud, the platform is a vendor neutral platform which can run on any Cloud



Business