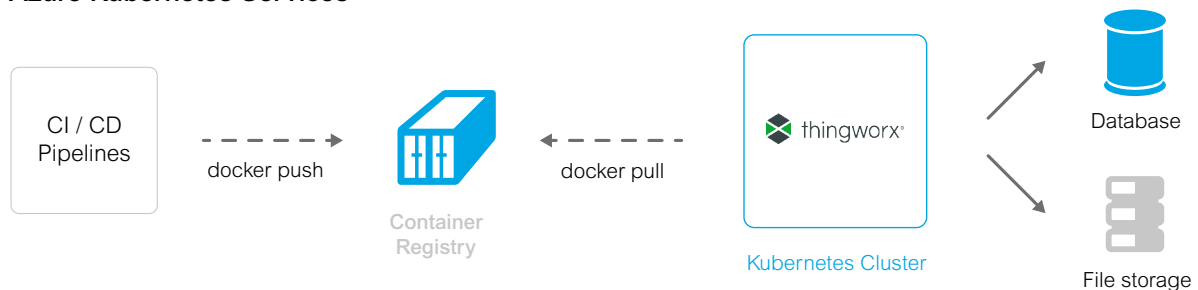**Implementation**

Thingworx on Azure Kubernetes Services

The implementation includes the installation of a Thingworx environment on Azure Kubernetes Services (AKS). The customer is required to have a PTC license and access to the Thingworx environment.

Azure Kubernetes Services

CI / CD Pipelines → docker push → Container Registry ← docker pull ← thingworx — Kubernetes Cluster → Database / File storage

The delivery item is the provided IoT platform Thingworx with the surrounding Thingworx components on AKS as well as scripts, documentation and process models.

Our procedure for implementation:

1. Sizing	2. Setup	3. Run & Operate	4. Optional
> Hardware Sizing > Requirements Engineering (Sizing, Skalie-rung) > Deployment > High Availability Strategie > Thingworx Version (We support from 9.2)	> Setting up the Azure Container Registry > Setting up the Azure Kuberne-tes service > Setting up monitoring > Deployment of the Thingworx components in AKS and your subscription	> Starting up the Thingworx cluster in Kubernetes > Handover of operation and monitoring	> SSO connection > Installation of a Thingworx application on Thingworx > Custom applica-tion, including on the CI/CD > Pipelines: Jenkins, Azure, Devops, GitLab,...

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