



# KUBERNETES

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## AUTOMATED DOCKER CONTAINERS PROVIDED BY MTF BUSINESS CLOUD

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Containers like Docker are a key technology for the configuration and provision of modern applications. Concentrate on developing your application and let Kubernetes distribute, scale and manage Docker Containers in your isolated MTF Private Cloud.

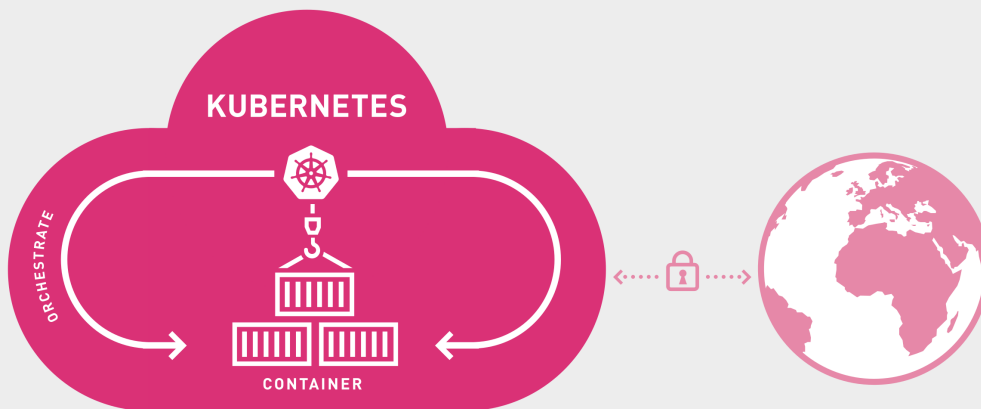
## YOUR ADVANTAGES

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- ✔ AUTOMATED SCALING OF DOCKER CONTAINERS
- ✔ HUGE COMMUNITY AND MATURE TECHNOLOGY
- ✔ TRANSPARENT COSTS
- ✔ HIGHLY SECURE THROUGH ISOLATED PRIVATE CLOUD ENVIRONMENT
- ✔ REDUCTION OF OPERATING COSTS THROUGH INTELLIGENT MANAGEMENT
- ✔ OPTIMAL USE OF SYSTEM RESOURCES

# DOCKER CONTAINER ORCHESTRATED WITH KUBERNETES

With the Kubernetes Engine you create, manage and scale your applications in Docker Containers in the highly secure MTF Business Cloud efficiently and easily. The Kubernetes Engine takes care of your Docker Containers, so that you can take care of the application development and the provision of your services. The Kubernetes environment is operated completely isolated for you in a private cloud, which guarantees maximum security and availability.



# TECHNICAL INFORMATION

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## GEOGRAPHICALLY SEPARATE DATA CENTERS

Greatest possible security through modern data centers with a reliable, redundant infrastructure.

## PRIVATE CLOUD

Kubernetes is operated individually and isolated per customer in a private cloud under the highest security standards.

[LEARN MORE](#)

## SELF-HEALING

Automatic restart of containers in case of errors or defective nodes as well as reloading of containers that do not pass the defined health check.

## GEOREDUNDANT PERSISTENT STORAGE

The persistent data of the Kubernetes environment is stored on georedundant high-performance synchronous memories for maximum availability.

## HORIZONTAL SCALING

Easy up or down scaling of applications with a single command or a simple UI.

## AUTOMATIC BINPACKING

Automated placement of containers based on their resource requirements enables a balanced workload.

## SELF-SERVICE PLATFORM

With a simple UI or commands, new containers can be made available easily and directly as required.