

# OPENSIFT

---



## A CONTAINER PLATFORM IN THE MTF PRIVATE CLOUD

---

Develop the next generation of apps with this generation's abilities. OpenShift, the container platform in the MTF private cloud, is a high-security application platform that can be used to host, configure, develop and manage application stacks automatically in an elastic cloud environment. Application developers have access to self-service functions so that they can develop applications as needed in a trice.

## YOUR ADVANTAGES

---

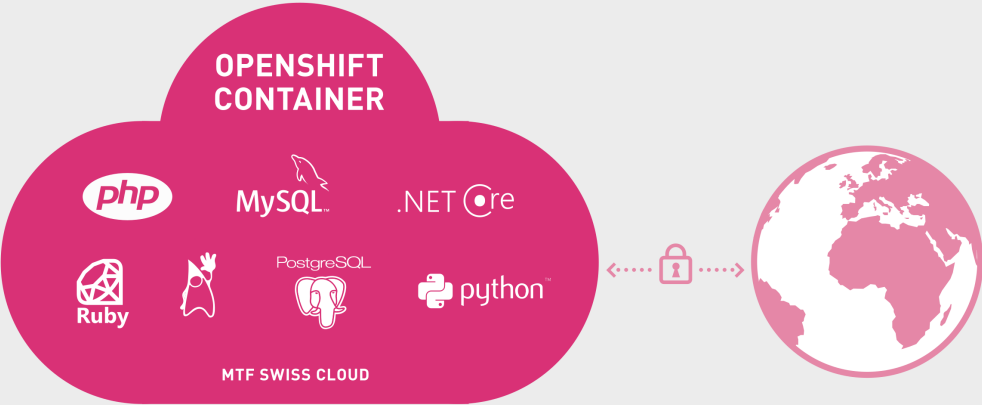
- ✔ A PRODUCTIVE ENVIRONMENT IN NO TIME AT ALL
- ✔ SELF-SERVICE, AUTOMATION AND MULTI-LANGUAGE SUPPORT
- ✔ TRANSPARENT COSTS
- ✔ READY FOR DIGITIZATION AND INDUSTRY 4.0
- ✔ HIGHLY SECURE THROUGH AN ISOLATED PRIVATE CLOUD ENVIRONMENT

# OPENSIFT

## A PAAS BASED ON DOCKER AND KUBERNETES

MTF offers OpenShift, a Platform as a Service (PaaS) based on Docker und Kubernetes, in the private cloud.

The OpenShift container platform has a completely dedicated structure in the MTF private cloud and is completely separate and isolated for each customer. As a result, the PaaS environment in the MTF cloud is particularly secure and aimed at customers with high certification and security requirements.



# TECHNICAL INFORMATION

---

## GEOGRAPHICALLY SEPARATE DATA CENTERS

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

## PRIVATE CLOUD

The entire PaaS System is individualized per customer and isolated as per the highest security standards.

[LEARN MORE](#)

## SELF-SERVICE PLATFORM

Developers can create applications quickly, easily and directly as required, with the tools they use most frequently.

## CONTAINER-BASED

OpenShift offers an unchanging container-based environment based on Docker to provide and run applications and micro-services.

## PERSISTENCE

OpenShift offers platform architects an opportunity to integrate persistence into their application components while at the same time offering stateless cloud-native design.

## POLYGLOT, MULTI-LANGUAGE SUPPORT

You can run several languages, frameworks and databases on the same platform.

## AUTOMATION

OpenShift automates application development, provisioning, scaling, integrity management and other integrated components of Kubernetes.

## MULTIPLE INTERACTION MODELS

Developers can create and manage applications with many command line tools, a powerful Web console for several devices or an Eclipse-based integrated development environment like JBoss Developer Studio.

# SUPPORTED TECHNOLOGIES

---

## APPLICATION IMAGES

- Apache HTTP Server 2.4
- Java 8
- .NET Core 1.0
- .NET Core 1.1
- Node.js 4
- Node.js 6
- PHP 5.6
- PHP 7.0
- Python 2.7
- Python 3.4
- Python 3.5
- Ruby 2.2
- Ruby 2.3
- Ruby 2.4
- Perl 5.20
- Perl 5.24
- Tomcat 7
- Tomcat 8

## DATABASE IMAGES

- MariaDB 10.1
- PostgreSQL 9.4
- PostgreSQL 9.5
- MySQL 5.6
- MySQL 5.7
- MongoDB 2.6
- MongoDB 3.2
- Redis 3.2

## QUICKSTART TEMPLATES

- Apache HTTP Server
- CakePHP
- Dancer
- Django
- Jenkins
- Node.js
- Ruby on Rails