



## What is APPUIO?

APPUIO is the largest Swiss container platform for the design, development and operation of applications. Based on proven Open Source concepts such as Docker and Kubernetes, APPUIO enables DevOps: through automation and self-service,

development, deployment and operational processes are accelerated and the collaboration between software developers and business organization is improved. APPUIO is a joint brand by VSHN and Puzzle ITC.



Know-how of 180 people



Operating container platforms since 2014



50+ clusters around the globe



Support app workflow



Project Syn



Help automate DevOps process

## APPUIO Quick Facts

- Combined know-how of over 180 specialists
- APPUIO is operating extensive Kubernetes and OpenShift platforms since 2014
- We are running more than 50 clusters in 16+ clouds and on premises around the globe, from Zurich to Sydney
- We support your application workflow, deployment and lifecycle
- We are the developers of Project Syn, the Open Source tooling to manage Kubernetes clusters and applications
- We help to automate and optimize your internal DevOps processes

## APPUIO customers

A wide range of customers and industries already rely on our services:

- acrevis bank
- [amaze.io](https://amaze.io)
- esurance
- Komed Health
- neon
- Skribble

We are happy to help you! Learn more on [www.appuio.ch](https://www.appuio.ch).

## What is OpenShift

Applications have to be customer-centric more than ever. They have to be portable, secure, easily scalable and simple to manage. To meet these requirements, businesses today rely on containers and Kubernetes. For new applications as well as to containerize existing ones and migrate them to the cloud, you need a trusted platform to build on.

Red Hat OpenShift is a hybrid cloud, enterprise Kubernetes application platform for developers and business applications. It is used to manage workloads, build cloud-native apps, and to boost the productivity of developers.

## Why OpenShift

Red Hat OpenShift combines platform, application and developer services. It is the security-focused, consistent foundation to deliver applications anywhere, with full-stack automated operations and streamlined developer workflows. With OpenShift, you can focus on what matters and fulfil rising customer expectations.

OpenShift offers what you need for hybrid cloud, edge, enterprise container, and Kubernetes development and deployments. It includes an enterprise-grade Linux operating system, container runtime, networking, monitoring, container registry, authentication, and authorization solutions.

## OpenShift vs plain Kubernetes

The major differences between OpenShift and plain Kubernetes can be summarized in a phrase and some key features. In short, as Red Hat puts it:

*The question “What’s the difference between Kubernetes and OpenShift?” comes up every now and then, and it is quite like asking: “What’s the difference between an engine and a car?”*

In terms of features, the following ones stand out:

- 1. User Management:** OpenShift provides user management features out-of-the-box.
- 2. Security:** OpenShift forbids the execution of container images as superuser (or «root»), effectively securing clusters against one of the most common security threats to Kubernetes installations.
- 3. DevOps Services:** DevOps engineers can leverage OpenShift features such as Jenkins CI/CD services, ImageStreams, OperatorHub, CodeReady Workspaces, and one-click installation of the most common languages and frameworks.
- 4. Integrated Logging:** Thanks to fluentd and Kibana, OpenShift provides an integrated solution to monitor the behaviour and activity of your apps.
- 5. Microservices and Serverless:** Thanks to the OpenShift ServiceMesh, based on Istio, Kiali, and Jaeger, OpenShift makes it easy to develop, manage and scale microservices applications. And last but not least, the Serverless Operator provides access to the newest cloud technologies.
- 6. User interface:** OpenShift provides an out-of-the-box GUI ready to be used and accessible to all.
- 7. Administration tools:** The oc and odo tools expands on top of kubectl offering more features and convenience.

## Managed OpenShift

OpenShift clusters represent a sizable investment in DevOps engineers time and effort. Updating and increasing the capacity of an installation, managing scaling issues, and monitoring for security threats can quickly increase the workload of your teams.

A Managed OpenShift solution leverages the experience of a trusted partner to ensure the quality of service that your application deserves. For a fixed monthly fee, you can concentrate your efforts in what you do best: add features to your solution and provide value to your customers.

## APPUiO Managed OpenShift

With an APPUiO Managed Private Cluster, we take care of cluster provisioning, maintenance, backup, monitoring & alerting, metrics, and system services.

We don't just bring you OpenShift, but these additional Services on top:

- **APPUiO** Managed is your own private Managed OpenShift cluster, in the cloud of your choice or on-premises.
- **APPUiO** adds a multi-cluster management solution integrating features such as GitOps with integrated Argo CD, application backup, secret management, tools maintenance, and inventory.
- **APPUiO** helps you with the setup and operation of your platform as well as additional Managed Services
- **APPUiO** is your high-quality and ISO-certified partner based in Switzerland with extensive Kubernetes and Container experience and know-how

Appuio is a product of the cooperation



You can reach us by phone: +41 44 552 22 40 or e-mail [hello@appuio.ch](mailto:hello@appuio.ch)  
We would love to get in touch with you!