

A Managed Kubernetes Service From the Heart of Europe

Managed Kubernetes Service for reliable, safe, secure and armoured operations

Why Choose a Managed Kubernetes Service

COMPANY SUMMARY

- **Company name:** C41
- **Website:** <https://c41.ch>
- **Headquarters:** Switzerland
- **IT Environment:** Kamaji-powered Managed Kubernetes Service, integrated into C41's Cloud ecosystem
- **Industry:** Managed Service Provider (MSP) / Cloud Services
- **No. of employees:** ~500

HIGHLIGHTS

- **Kubernetes as a Service**, integrated into C41's Cloud ecosystem
- **Auto-scaling nodes**, including automatic scale-to-zero when idle
- **High-availability**, fully managed Kubernetes control plane
- **100% CNCF-certified** Kubernetes clusters, every deployment
- **GitOps-ready**, fully declarative cluster configuration and management

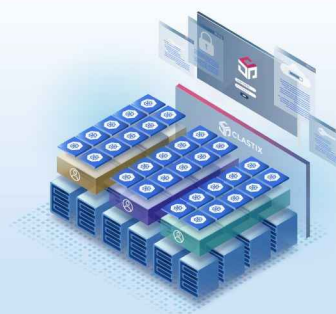
C41 is an MSP with over 30 years of consolidated experience, always at the forefront of technological innovation and implementing high-tech solutions for its customers. The founders of C41 have provided top IT industry solutions since the 1990s.

Since 2017, C41 has provided high-quality IT solutions in Switzerland and neighboring countries. C41 offers affordable cloud solutions, expert engineers, personable skilled support, cutting-edge hardware and technology, and a state-of-the-art data center to ensure its users' success.

CHALLENGES

Kubernetes is an open-source container orchestration system for automating software deployment, scaling, and management. K8s is now an essential tool for many companies, and its adoption is vital to ensure their efficiency and competitiveness – but it's also a complex tool whose potential is still being discovered and evolving.

Most users prefer to concentrate on applications rather than infrastructure. Businesses want to make it possible for their teams to utilize Kubernetes "as a service" (KaaS) to accelerate operations and cut expenses, without taking on the difficulties associated with managing Kubernetes operations themselves.



When running mission-critical applications in the cloud, a partner you can rely on makes all the difference. C41, an indie Swiss-based Cloud and Managed Service Provider, partnered with CLASTIX to provide a fully Managed Kubernetes Service for reliable, safe, secure, and armoured operations in Europe.

SOLUTION

CLASTIX products and services help organizations overcome Cloud Native adoption challenges and confidently design, build, and operate digital infrastructures based on Kubernetes. From this expertise, CLASTIX created a new hyperscaler-style solution to facilitate the adoption and maintenance of an easy-to-use Managed Kubernetes Service fully integrated into the C41 Cloud ecosystem.

The service is built on Kamaji, an open-source tool CLASTIX created from its long experience working with Cloud Service Providers (CSPs) and Managed Service Providers (MSPs) to create, manage, and operate self-service Kubernetes with a fraction of the operational burden. With Kamaji, any organization, CSP, MSP, or private enterprise can operate hundreds or even thousands of Kubernetes clusters as the hyperscalers do. The service covers several key capabilities:

Focus on Applications – Kubernetes as a Service helps organizations leverage the best features of Kubernetes without having to deal with the difficulties associated with managing operations.

Fully Managed Service – to ensure customers get the most out of the Kubernetes ecosystem while focusing on the applications and services essential to their core business, C41 deploys, hosts, and manages all of the components required for Kubernetes to function, including updates and security patches.

Auto Scaling – the infrastructure can scale rapidly within the Kubernetes as a Service model due to the high-level automation provided, saving time and bandwidth for the admin team. The number of nodes in a Kubernetes cluster can be automatically scaled up or down by a cloud controller to match workloads and conserve resources, and clusters can automatically scale to zero nodes when not in use.

High-Availability Control Plane – customers take advantage of a robust HA and fully managed Control Plane to ensure their workloads are always available.

GitOps Ready – all cluster-level functionality and configuration are declarative, adding a new management level and provisioning in line with the current GitOps paradigm.

CNCF Certified – the service is 100% standard Kubernetes certified by CNCF. All Kubernetes clusters respect industry standards to bring security, stability, and robustness to applications.

ONGOING BENEFITS

Ongoing benefits include: Self Service Kubernetes, Cheaper Control Planes, Kubernetes Inception, Multi-cluster Management, Stronger Multi-Tenancy, and CNCF compliance. Customers get a self-service Kubernetes experience without managing operations directly, backed by a **robust HA control plane that keeps workloads always available**. Kamaji's architecture supports **cheaper control planes and stronger multi-tenancy**, which lets C41 manage multiple customer clusters efficiently while keeping each one **isolated and CNCF-compliant** — bringing the **security, stability, and robustness** of industry standards to every cluster.

NEXT STEPS

If you are an MSP or cloud provider looking to offer your customers a fully managed, self-service Kubernetes experience – with high-availability control planes, GitOps-ready automation, and 100% CNCF certification – reach out to the CLASTIX team. We will help you find the right architecture for your environment, without starting from zero.

About C41

C41 (headquartered in Ticino, Switzerland) is an independent cloud and IT infrastructure provider designed to offer European businesses an alternative to major hyperscalers. Operating the "Swiss Knife Cloud," they deliver highly secure, scalable cloud resources including virtual machines, remote virtual desktops (VDI), and dedicated servers, prioritizing regional data protection and compliance.

About CLASTIX

Clastix builds enterprise-grade Kubernetes infrastructure through hosted control planes and hard multi-tenancy – solving cluster sprawl, fragile isolation, and runaway infrastructure costs at scale. With deep open source credibility – including the donation of Capsule to the CNCF – the kMetal platform is purpose-built for cloud providers, MSPs, and platform teams that demand real isolation, efficiency, and scale. Customers include NVIDIA and Mistral AI.

Contact us

Please contact us to request a quote or learn more about our support offerings.



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