



OPCITO TECHNOLOGIES

Multi-Tenant Kubernetes Platform For Hybrid & Multi-Cloud Environments

About The Customer

The customer is a leader in products, solutions, and services for release orchestration, deployment automation, DevSecOps, containers & microservices, among others. They cater to customers from various industries, including financial services, enterprise web applications, the Internet of Things, and embedded mobile devices.

Business Challenge

The customer company had developed an Adaptive Release Orchestration platform which was sold as an on-premise solution. They wanted a SaaS-based platform that could also be deployed on-premise and in hybrid & multi-cloud environments. Their product ecosystem comprises multiple microservices and plugin platforms that were too complex to configure and deploy due to shortcomings in automation. The customer also wanted to create various software instances of this SaaS platform for its users. Unifying multi-tenancy, security, data integrity, and high availability in this SaaS solution were also among the customer's requirements.

How Opcito Helped

Opcito suggested an AWS-based Kubernetes platform as a solution. We built an end-to-end SaaS platform that facilitates the launching of Kubernetes clusters. This enables the customer to deploy products within a Kubernetes cluster. We also configured and launched this platform and enabled support for leading cloud service providers, including AWS, Azure, and GCP. The customer can now launch heavy Kubernetes workloads by combining the SaaS platform developed by Opcito and the existing enterprise platform.

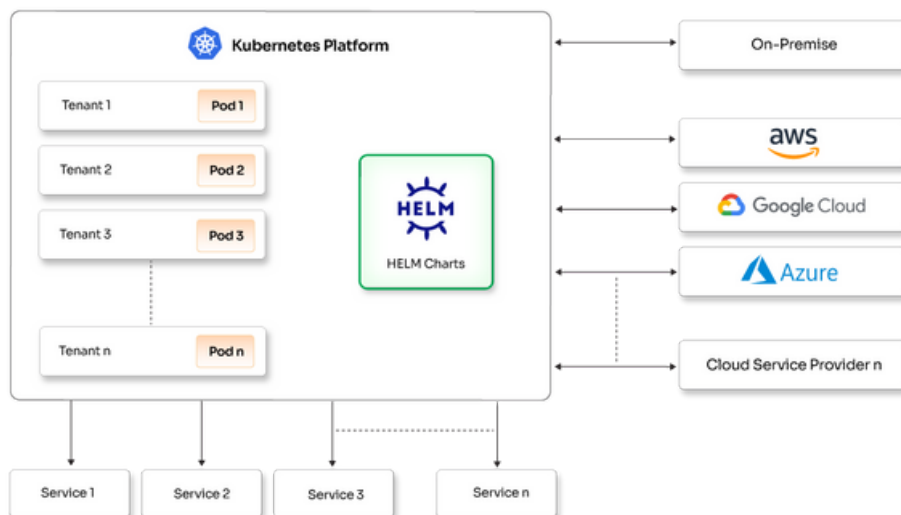
We assisted the customer with the on-premise deployment of this newly developed SaaS platform and defined network policies. Opcito has also created HELM charts for each component of this solution. Through extensive research & development efforts, we successfully built a Kubernetes-based SaaS solution that could be conveniently deployed on-premise and in hybrid & multi-cloud environments.



This document is proprietary and confidential. No part of this document may be disclosed in any manner to a third party without the prior written consent of Opcito Technologies.

India office +91 (20) 6712 4100

US office +1 (650) 772 4442



Technologies, Tools, and Platforms used

KUBERNETES

HELM CHARTS

AWS

MICROSERVICES

Benefits

PERFORMANCE

Improved data integrity, security, multi-tenancy, and reduced expenses on the aforementioned fronts

PENETRATION

Improved the market penetration of customer products by opening avenues in the cloud technology space

SIMPLIFICATION

Reduced configuration complexities and simplified installation, monitoring, and scaling process

About Opcito

At Opcito, we believe in designing transformational solutions for our customers, start-ups, and enterprises, with our ability to unify quality, reliability, and cost-effectiveness at any scale. Our core work culture focuses on adding material value to your products by leveraging best practices in DevOps, like continuous integration, continuous delivery, and automation, coupled with disruptive technologies like containers, serverless computing, and microservice-based architectures. We also believe in high standards for quality with a zero-bug policy and zero downtime deployment approach.