

# Modernize IT with vRealize Cloud Management

Run your private cloud like a public cloud

“We needed to bring everything together to help us move forward in a more agile way. By being better able to understand our virtual estate, we can start to be smarter and more efficient.”

PAUL BALEY  
SENIOR INFRASTRUCTURE ENGINEER  
YORKSHIRE WATER

## BETTER TOGETHER

VMware Cloud Management provides native integrations with other solutions to seamlessly manage your private, hybrid and multi-cloud environments. [Learn more](#)

## VMWARE CLOUD FOUNDATION™

A customer-managed hybrid cloud platform delivering integrated compute, storage, networking and management for modernizing data centers and deploying modern applications. [Learn more](#)

## VMWARE CLOUD™ ON AWS

VMware managed software-defined data centers (SDDCs) running on Amazon EC2 elastic, bare-metal infrastructure. Extend on-premises VMware vSphere® environments, and access the global footprint and native services of AWS. [Learn more](#)

## At a glance

Infrastructure and operations professionals have been mandated to modernize IT. A modern environment now includes deploying hybrid and multi-cloud environments, embracing emerging technologies, and ensuring all components are managed with a consistent experience. The goal: for the organization to operate its private cloud like a public one.

This is possible with VMware vRealize® Cloud Management™, the intelligent hybrid cloud management solution that empowers you to consistently deploy and operate your apps, infrastructure and platform services, from the data center to the cloud to the edge. You can accelerate innovation with quick and easy access to services, gain efficiency by improving visibility and automation, and improve control and mitigate risk through unified operations and governance.

## How to modernize IT

vRealize Cloud Management offers the following key capabilities:

- Speed service delivery – Provide better consumer experiences with self-service provisioning, automated performance, and responsive capacity management.
- Automate infrastructure provisioning – Enforce a repeatable, consistent and reliable process with infrastructure as code and configuration management.
- Improve efficiency and speed time to value – Streamline operations by automating capacity and cost management, as well as providing optimization recommendations, cost visibility, and guided onboarding for faster decision-making.
- Continuously optimize app performance – Use AI-driven automated workload optimization and placement capabilities to keep your infrastructure reliably available.
- Reduce downtime – Predict, prevent and troubleshoot across multiple clouds with app-aware monitoring and intelligent remediation.
- Dynamically self-tune infrastructure – Use the latest advances in AI and machine learning (ML) to optimize configured KPIs for the virtual infrastructure.
- Manage risk – Reduce the risk of not meeting regulatory and SecOps burdens with automated configuration management and integration compliance controls.

## How to buy

VMware vRealize Cloud Universal™ combines both on-premises and software as a service (SaaS) in one license, so you can flexibly move to cloud at your own pace. [Learn more](#)

