

WE GET THAT YOUR CLOUD IS NOW A PATTERN, NOT A PLACE.

CDW Hybrid Cloud and Multicloud Practice

At CDW, we understand the complexities of cloud can lead to increased cost, decreased visibility and vendor lock-in. With industry-leading hybrid and multicloud architects, CDW's Hybrid Cloud and Multicloud team empowers your organization to adopt cloud-native best practices. Whether hybrid or multi, private or public, we help you define and reach your cloud vision.

CDW's Hybrid Cloud and Multicloud Practice can help you achieve:

-  **Operational Efficiencies**
-  **Revenue Enhancement**
-  **Faster Innovation**

Orchestrating the Right Solution

Let CDW's cloud experts efficiently and gracefully modernize your infrastructure:

- **Cloud Foundation:** We rapidly deploy a Landing Zone based on best-practice design patterns and real-world expertise, reducing migration time and eliminating future technical debt due to incorrectly configured cloud environments.
- **Hybrid and Multicloud Architectures:** We decrease cloud costs, increase software agility and deployment velocity by helping you manage infrastructure and application workloads across hybrid and multicloud environments.
- **Hybrid and Multicloud Networking:** We'll define and adopt high-performance network strategies across your on-premises and multicloud environments. From hybrid interconnects to global ingress strategies, we make sure your network is secure and running at peak performance.
- **Container Orchestration:** Let us design and implement your container environments with Kubernetes expertise, including migrations to or from other container orchestration platforms.
- **Security and Compliance:** Your cloud-native strategy is being driven by the need for agility and velocity, but not at the expense of visibility or enterprise controls. We help you automate zero-trust security across any cloud-native environment and ensure enterprise and regulatory compliance.
- **Cloud Migrations:** Whether moving to the public cloud, switching between public clouds, or migrating to a private data center, our Infrastructure as Code (IaC) practice can accelerate your plans while minimizing the risk of migration through automation.
- **Cloud Governance and Service Catalog:** We help you distill the public cloud products to build an enterprise self-service catalog of managed IT services that comply with organizational standards without being a barrier to enterprise adoption.

CDW GETS HYBRID AND MULTICLOUD ARCHITECTURES

Not only is CDW one of the largest Systems Integrators in the world, we are also one of the most technologically adept. With two of the world's 50 Google Cloud Fellows on staff, nearly 300 engineers with expertise spanning from Certified Kubernetes Architects to Cisco DevNet Professionals, as well as a full-stack software development practice, CDW is the logical choice when results and velocity matter.

- Awarded "Cisco Global Ecosystem Partner of the Year" in 2019
- A contributing member of the Cloud Native Computing Foundation
- Google Cloud Premier Partner
- HashiCorp Ninja Partner
- Hundreds of Fortune 500 customers globally
- 250-plus engineers focused on Software-Defined Infrastructure, Hybrid and Multicloud Architectures, Cloud Native Software Development, and DataOps and AI/ML

CDW's full lifecycle of Services can support your organization no matter where you are on your journey



CDW AMPLIFIED™ SERVICES

Services Overview

CDW's Hybrid Cloud and Multicloud practice provides multiple engagement models and delivery mechanisms, allowing you to select the solution that best suits your needs and digital priorities.

Engagement Model	Available
Discovery: Identifies and documents your existing cloud and cloud-native infrastructure and software delivery lifecycle processes.	✓
Assessment: Provides evaluations and remediation recommendations based on environment discovery, in order to meet and exceed cloud-native industry best practices for agile and secure workloads.	✓
Design: Provides environment designs specific to your business requirements, and a prescriptive path for getting there.	✓
Adoption: Educate and implement the hands-on tools, platforms and processes needed for successfully adopting cloud-native patterns on public cloud or private infrastructure.	✓
Strategy: Analyze your application business requirements, and provide concrete recommendations for the improvements needed in process, culture, tools and/or people.	✓
PoC/PoV: Assist in testing new cloud-native platforms, products and processes, and vet their compatibility in your cloud environments.	✓
Implementation: Once vetted, our engineers will implement the designed solution.	✓
Custom Development: Additional, non-standard requirements or requests can be proposed, tested and implemented.	✓
Support and Consistency: Ongoing review, support and managed consistency services to proactively deliver guidance and management recommendations specific to your cloud environment.	✓

High-Level Outcomes



Optimize

Compact Hyperconverged Footprint
Cloud-based Management



Simplify

Full Lifecycle CI/CD Platform
One-click Deploy and Update



Reduce Risk

Enterprise Class Security
Automated Software Testing



Modernize

Replatform
Portability
Scale with Agility



Accelerate Implementations

Weeks to Minutes
Simplified Operations

CUSTOMER SUCCESS STORY

Organization: Global Cruise Line

Employees: 100,000-plus employees

CHALLENGE: A major global cruise line wanted consistent customer experience and agility with its onboard ship loyalty applications, but there is no cloud in the middle of the ocean. Building and managing data centers on ships is hard enough already. Network connectivity is nonexistent much of the time, and each floating data center becomes a snowflake at sea due to configuration drift, both literally and figuratively. The end result was significant additional effort with infrastructure updates and an inability to meet business needs for time to market, application uptime, security or governance. Additionally, it was not possible to ensure a consistent experience for all passengers, which resulted in decreased customer satisfaction.

SOLUTION: CDW designed and implemented a Kubernetes architecture to manage and distribute applications with portability and security. On-ship data centers were converted to cloud-native endpoints and Infrastructure as Code (IaC) processes were implemented to automate management of Cisco Hyperflex hyperconverged infrastructure on each ship. Google Cloud was leveraged as the orchestration and agile development environment for application developers to build and test workloads, and manage deployments and configurations.

RESULT: The time it used to take for deployment tasks and implementations was reduced from weeks to minutes. Applications were refactored for scale and portability through Kubernetes, optimizing the infrastructure footprint required on each ship while centralizing management in the cloud. This unified the management of the fleet's infrastructure, thereby reducing risk, increasing application performance and ensuring a consistent consumer experience on the latest applications available.

To learn more about CDW's Hybrid Cloud and Multicloud Practice, contact your account manager or call 800.800.4239.



**CDW AMPLIFIED™
SERVICES**