

# Multicloud automation

End-to-end enterprise system automation for a multicloud environment.



**Multicloud automation enables you to move your workload from one cloud provider to another—in minutes instead of days—by changing the cloud target within the Perspecta blueprints and redeploying your code.**

Moving to a multicloud environment means changing your existing enterprise operations and support processes to allow for the use of compute resources and associated infrastructure and code deployment toolsets. These changes take time and effort away from your day-to-day operations, complicates your processes and ultimately distracts you from the mission at hand. Communicating and delivering training for these process changes further ties up your valuable resources sacrificing the efficiency and agility of your infrastructure as code pipelines that your agile apps and infrastructure teams need.

Government agencies require a multicloud automation solution that can abstract, orchestrate and automate enterprise cloud infrastructure and platform environments for cloud agnostic deployment. This automation must also be able to integrate seamlessly into your existing enterprise governance and change control processes and systems.

## How we do it

Perspecta's multicloud automation solution is a set of technologies and agile process methodologies that provides an end-to-end system with a single pane of glass for provisioning and operating infrastructure in a multicloud environment, while easily integrating into your existing enterprise processes. Multicloud automation leverages best practice infrastructure as code to deliver cloud services consistently and securely.

Enterprise process integration is accomplished via an abstraction layer of change and configuration management operations within the multicloud automation code deployment path. This abstraction layer allows for virtually any industry IT operations management and IT service management toolset, as well as customer specific workflows, to be integrated with our multicloud automation solution, minimizing

any impact on your enterprise processes and allowing critical resources to stay focused on delivering your mission.

Our multicloud automation technology and methodology integrates your system engineers, application developers and security operator into the design and build phase of your DevSecOps chain, allowing them to quickly start deploying their code to multicloud environments. By automating the deployment and refresh of environments, we enable the engineers, developers and security teams to “shift left” of the testing and deployment of code. The use of the Perspecta blueprints within multicloud automation ensures the organization’s governance models and enterprise architecture can be leveraged to produce approved configurations and changes to architectures for greater security and improved consistency across the application portfolio.

#### **Multicloud in action**

Multicloud automation has been successfully built for several of federal civilian agency customers, enabling them to deploy complex infrastructure as code environments to cloud providers such as Microsoft Azure, Amazon Web Services, Google Cloud and even on-premise private cloud environments in a matter of minutes in a complete cloud agnostic fashion.

#### **Why Perspecta**

Customers who select Perspecta as their source for multicloud and hybrid cloud solutions will work with a partner who meets the highest certification levels and has the tools and experience to deliver quality services every step of the way.

We work as an extension of our customers’ teams, helping meet mission objectives while following industry best practices. We are ISO 9001:2015 certified, hold CMMI-DEV (Development) V1.2 Maturity Level 5, Maturity Level 3, Maturity Level 2 and CMMI-SVC (Services) V1.3 Maturity Level 3 ratings; validating the discipline and performance of the infrastructure, processes and tools used at Perspecta . Our extensive credentials highlight our ability to deliver effective and efficient performance for customers in the public sector.

#### **Next steps**

Ready to see firsthand how multicloud automation can be deployed? Schedule a live demonstration, and walkthrough with our Perspecta team.

**Learn more at [perspecta.com/cloud](https://perspecta.com/cloud)**