![perspecta™]

Cloud migration

Ensure a successful cloud migration using a flexible and scalable enterprise methodology

Benefits

- Takes an enterprise-wide approach to cloud migration
- Tailored to meet your business objectives
- Utilizes cloud-agnostic processes
- Leverages automation to remove the risk of migration
- Simplifies workload migration with the migration factory

Organizations are moving enterprise systems to the cloud in order work smarter and better. To get there, that means digitally transforming their end-to-end IT operations and management. It also means converting enterprise IT spending to a consumption-based model. But getting there can be a bit tricky. While these new cloud-based enterprise systems include workload applications, they also require changes in the supporting compute, data storage and networking resources.

The challenges for many organizations begin when they start to move their enterprise applications and do not factor in static and dynamic system dependencies. Applications often have numerous dependencies to other system components within the enterprise, requiring changes be made to the operations processes, tools and methodologies.
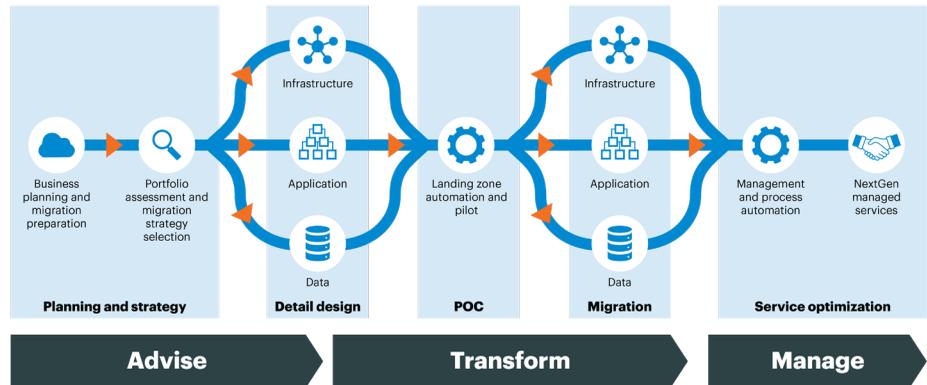
Even after a successful migration, cloud-based system resources and organizational

processes are often not optimized to fully gain the expected benefits of the cloud. Many cloud migrations stall, fail and result in the repatriation of workloads back to the data center due to these non-optimized cloud systems.

An enterprise approach to cloud migration

At Perspecta, we leverage an end-to-end methodology in assisting customers in their move to cloud. While there is no one size fits all solution to migrating to cloud, our tool-agnostic methodology has the flexibility and scalability to meet any organization's cloud migration needs. We recognize that a migration might consist of moving a single application, a portfolio of applications or systems, or even one or more data centers.

Taking an enterprise approach to cloud migration ensures that migrations to the cloud are grounded in all aspects of the customer environment.

Advise   **Transform**   **Manage**

By understanding the synergy that exists within the current environment, the necessary transformation of people, processes and technologies can take place to ensure a successful migration to the cloud.

The risk of repatriation of applications from the cloud back to the legacy environment is greatly reduced due to the broader approach of the Perspecta migration methodology.

How we do it

We begin by first gaining a full understanding of the customer vision, business drivers, goals and best practices. The focus is on various business cases for a multi/hybrid cloud model. Throughout this process we identify readiness gaps and make recommendations to fill gaps in information and to prepare for a migration effort across multiple perspectives.

This is followed by a portfolio analysis and assessment that is enterprise-centric to drive the high-level design and selection of landing zones. As part of the initial migration effort, the foundational cloud environment is created through our infrastructure-as-code automation process. This creates the various user and administrative accounts along with the basic framework of the virtual data center. As part of the detailed design process, one or more applications are selected to be leveraged in the pilot phase.

Testing (pilot) is used to verify the core infrastructure services that are part of the virtual data center, as well as to test that the migration factory operates as expected.

Focus is placed on three levels of migrations that may be part of the customer transformation: infrastructure, applications and data (content). The inclusion of each is driven by the business use cases derived at the outset of the engagement.

Finally, our methodology includes the capability to leverage automation to streamline the organizational processes. This ensures the new cloud environment outperforms the legacy on-premises one in terms of scalability, reliability and performance.

Why Perspecta

Perspecta accelerates business outcomes by leveraging proven frameworks, processes and people. For more than 50 years we have been a trusted partner of our government customers with a vested interest in their transformation success.

We'll work with you to tailor your transformation to cloud by utilizing the aspects of our cloud migration methodology that make the most sense to your environment. This flexible enterprise-wide approach provides insight and guidance that will help you achieve the strategic goals of your organization in the right order and with minimal downtime of services.

Learn more at perspecta.com/cloud