

Cloud migration services

Ensure a successful cloud migration using a flexible and scalable enterprise approach to migrating infrastructure, data and applications



Benefits

- Takes an enterprise approach to cloud migration
- Tailored to meet your business objectives
- Utilizes cloud-agnostic processes for multi-cloud and hybrid cloud flexibility
- Modernize, transform, migrate and optimize your application portfolio to the cloud
- Migrate secure data with confidence and gain resiliency
- Simplifies workload migration with the migration factory

Organizations are moving enterprise systems to the cloud in order to work more efficiently and maximize productivity. A successful transformation to the cloud calls for a proven approach with a well-architected framework that often results in the digital transformation of end-to-end IT operations and management. It also means converting enterprise IT spending to a consumption-based model. Getting there can be challenging. 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, arise when static and dynamic system dependencies are not considered until after they begin moving their enterprise applications. Applications often have numerous dependencies to other system components within the enterprise, which require changes to 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 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

Perspecta cloud migration services leverage an end-to-end approach in assisting customers in their move to cloud. We recognize that a migration could consist of a range of activities from moving data and infrastructure to migrating a portfolio of applications or even one or more data centers. While there is no one size fits all solution to migrating to cloud, our tool-agnostic approach is designed with the flexibility and scalability required to meet any organization's cloud migration needs.

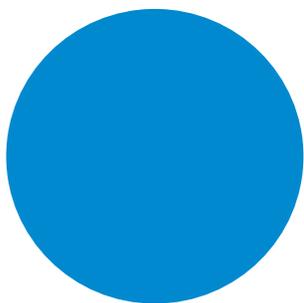
Taking an enterprise approach to cloud migration ensures that migrations are grounded in all aspects of the customer environment. By understanding the synergy that exists within the current environment, the necessary transformation of people, processes and technologies can be undertaken to ensure successful migrations to cloud. Additionally, the risk of repatriation of applications is greatly reduced due to the broad-scope nature of the Perspecta migration methodology. Perspecta's approach is repeatable; and it's processes are applicable to various migration strategies like rebuilds, revisions, rehosting, refactoring or replacing.

How we do it

We begin with gaining an 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 and to prepare for a migration effort across multiple perspectives:

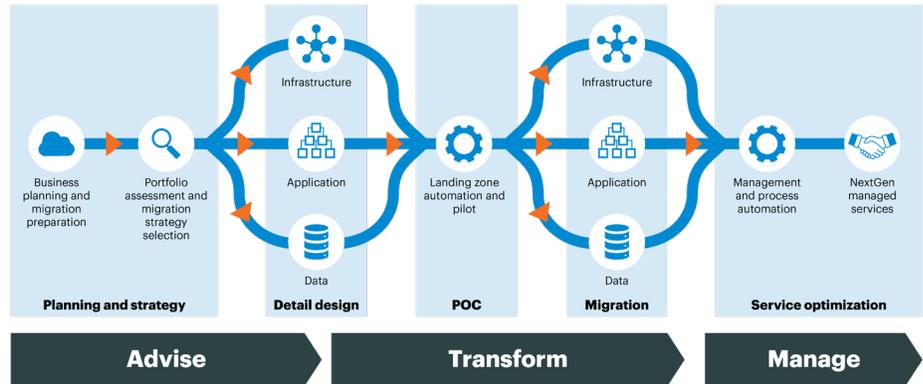
This is followed by a portfolio analysis and assessment that is enterprise-centric to drive the high-level design and selection of landing zones. As part of the initial migration effort, the foundational cloud environment is created through our infrastructure as code automation process. This creates 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.

The pilot, or testing phase, 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.



Ensure success of your cloud migration

- **Strategically migrate data** to improve data security, development, governance and life cycle
- **Prevent and eliminate** the continuation of IT silos and the duplication of services
- **Leverage automation** and build a valued toolchain to minimize the risk of migration by reducing or eliminating the human factor
- **Simplify workload migration** with the migration factory that provides a repeatable process for ensuring successful migration of your legacy environment
- **Implement cloud-agnostic processes** that can be applied regardless of the chosen destination environment



Focus is placed on three levels of migrations that may be part of the customer transformation: infrastructure, applications and data.

Infrastructure migration

Perspecta's cloud migration services leverage the necessary suite of tools to enable the rapid design and deployment of strategic infrastructure configurations and migrations. Our solution portfolio includes a collection of specifically selected proprietary, third-party and cloud-native tools to help mitigate the risks of manual configuration by abstracting the enormous complexity of network infrastructure configuration and producing verifiable structures.

Our experienced service professionals partner with our customers to build flexible cloud infrastructure that provides modernized computing and networking environments.

Data migration

Data is an invaluable asset to enterprise organizations. It is also a vital component of cloud migrations. To ensure access to data during the entire process is retained, our service model is delivered in phases: transformation, service optimization and automation. This service includes a proven framework that begins with planning and strategy. As a consulting engagement with key stakeholders, our cloud professionals apply processes tailored to the scope and vision of the customer to select a data migration strategy.

Our methodology includes the capability to leverage automation to streamline the

organizational processes. This ensures the new cloud environment outperforms the legacy on-premises environment in terms of scalability, reliability and speed.

Application migration

Perspecta's application transformation to cloud solution provides the specialized methods, tools and skills needed to successfully transform and optimize applications onto public cloud platforms.

Perspecta has more than 35 industrialized models to match any customer's technology landscape in their journey to cloud. We have the expertise to migrate customers from a multitude of technology platforms including COBOL, AS400, C, C++, VB, ASP, PowerBuilder, Oracle Forms, MS Access, ColdFusion, Java, .NET and many more.

Why Perspecta

Taking an enterprise approach to cloud migration ensures that migrations to the cloud are grounded in all aspects of the customer environment. Perspecta accelerates business outcomes by leveraging proven frameworks, processes and people. For more than 50 years we have been a trusted partner to government customers bringing an extensive set of capabilities to all parts of the public sector to help solve our nation's more complex challenges.

Next steps

Learn more about how you can get started on the right path towards transforming your organization to take advantage of cloud and hybrid IT.

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