

Modern businesses run on modern clouds

Cloud Architecture and Modernization Services

Develop a unified and adaptable cloud architecture to optimize your IT operations. We can help you leverage cloud-native transformation to modernize, reduce technical debt and take advantage of innovative technology to improve your business or agency.

Tailored cloud modernization solutions purpose-fit to you

Robust cloud architecture and modernization services are key to upgrading your IT estate, reducing technical debt and leveraging advanced development and delivery methods to remain competitive, agile and innovative.

NTT DATA's Cloud Architecture and Modernization Services can deliver:

- **Smarter cloud for smarter business:** Integrate new cloud-native solutions with your existing IT systems while improving agility, scalability, flexibility and resilience.
- **Enhanced security:** A powerful combination of security, automation and observability in a single cloud-native platform greatly influences the speed and quality of your business outcomes.
- **Reduced cost:** Identify savings from operational overhead and the inefficient use of resources, and reinvest in innovation as your business moves forward.

- **Site reliability engineering:** Boost system reliability, proactively handle failures, minimize downtime, enhance user experience and improve operational automation by merging software engineering with operations. SRE services will help you build and operate more robust systems, improve service levels and deliver greater customer satisfaction and business success.
- **Expert technical guidance:** Shift from traditional monolithic frameworks and architectures and breathe new life into your application ecosystem in a way that delivers results for your business. Across the lifecycle, our experts help from design to deployment through optimization.

Realize business value

Enhanced efficiency and scalability

Migrating workloads to the most suitable platforms optimizes efficiency and scalability, letting you handle increased traffic and data volumes, without compromising performance.

Cost-effectiveness

Modernizing your infrastructure and applications reduces the overhead costs of maintaining outdated systems, making operations more cost-effective.

Agility and flexibility

Modern architectures support dynamic, agile development practices, allowing you to adapt to changing market demands.

Customization and adaptability

We can design and implement modular components easily assembled and reconfigured to meet evolving business needs and foster rapid innovation.

Risk reduction

The use of leading tools, accelerators and frameworks ensures smooth migration, minimizing risk and safeguarding data integrity and system stability.

Our approach focuses on your outcomes

From strategic consulting through to ongoing support, we offer a full range of services to enable the successful implementation of IT infrastructure that meets your evolving business needs.

Strategic assessments	Proven methodologies	Continuous support
Tech-neutral evaluations	Global best practices	DevOps
Identify best pathways for modernization	Market-leading tools and frameworks	Optimization services

How we modernize your business or agency

Our Cloud Architecture and Modernization Services include:

Cloud Migration Services

We combine expert personnel, streamlined processes and advanced technology for seamless workload migration to the optimal cloud platform. We'll evaluate, design and implement strategies to transfer workloads to cloud environments to maximize efficiency, performance and cost-effectiveness, while minimizing risks, with market-leading tools, accelerators and frameworks.

Cloud Modernization Services

Our consultative approach assesses and upgrades existing infrastructure and applications. We'll select the most effective modernization strategies, such as replatforming or refactoring, to integrate modern cloud technologies so you can fully leverage cloud-native capabilities and optimize infrastructure for improved efficiency and scalability.

Cloud-native Architecture Services

We develop and build applications using advanced architectures like microservices, containerization and serverless computing. These services leverage hyperscale capabilities for dynamic and agile development, ensuring scalable, flexible and resilient solutions that help businesses swiftly adapt to market demands.

Composable Architectures Services

We design and implement modular, customizable and interoperable components. These can be assembled, connected and recomposed to suit evolving needs, thereby enhancing agility, scalability and efficient resource utilization in cloud services.

Why NTT DATA?

- **Global expertise:** Thousands of technical consultants and engineers worldwide, backed by a wealth of industry certifications.
- **Proven track record:** Decades of experience in delivering complex cloud solutions across various industries.
- **Strategic partnerships:** We collaborate with leading technology providers to deliver advanced solutions.

Contact us

To learn more about how our Cloud Architecture and Modernization Services can benefit your organization, please contact your Client Manager or **visit our website**.

About NTT DATA

NTT DATA is a trusted global innovator of business and technology services, helping clients innovate, optimize and transform for success. As a Global Top Employer, we have diverse experts in more than 50 countries and a robust partner ecosystem. NTT DATA is part of NTT Group.

