



Cloud Consult and Architect Solution

Digital Enterprise Unit



According to a Forrester 2016 report, revenue from public cloud platforms, business services, and applications is expected to grow at an overall CAGR of 22% between 2015 and 2020, reaching \$236 billion.

Companies are now moving enterprise-class business-critical applications to IaaS and PaaS clouds, managed by vendors who are constantly adding new services. The success of cloud adoption depends on decisions that help best exploit the cloud for a given environment and goals of a company, and a clear execution roadmap.

Tata Consultancy Services' (TCS) Cloud Consult and Architect solution enables companies to identify which cloud model, vendor, and management and security platforms are most suitable to their context. We help define cloud based architectures for new applications, and facilitate migration of existing applications to cloud, even in large numbers.

Overview

Reaping the benefits from cloud-based solutions requires companies to make the right choices and have a cloud roadmap, specific to their unique business needs. Organizations embarking on their cloud adoption journey need to determine which existing applications can migrate to cloud. They must then choose the right cloud model and vendor, taking into account features, maturity, costs, regional availability of cloud service providers and so on. They also need to understand what changes will be required to application architecture and code on cloud, and address security, regulatory compliance, governance,

and change management with respect to skills, tools, and roles. Companies considering migration of a large set of applications to cloud need an efficient and productive way to assess their suitability for cloud adoption.

TCS adopts a consultative approach to enable organizations to make a smooth transition to cloud. TCS' Cloud Consult and Architect solution guides companies on the cloud adoption path to create new, cloud-based business models, be agile and scale IT infrastructure on demand, achieve faster time to market and reduce IT complexity, upfront investment, and management cost.

Benefits

Accelerate adoption and reduce risk associated with migration to cloud with TCS' web and mobile device accessible DART tool and Cloud Consult and Architect offering:



Automate infrastructure discovery and high level target architecture generation for multiple clouds

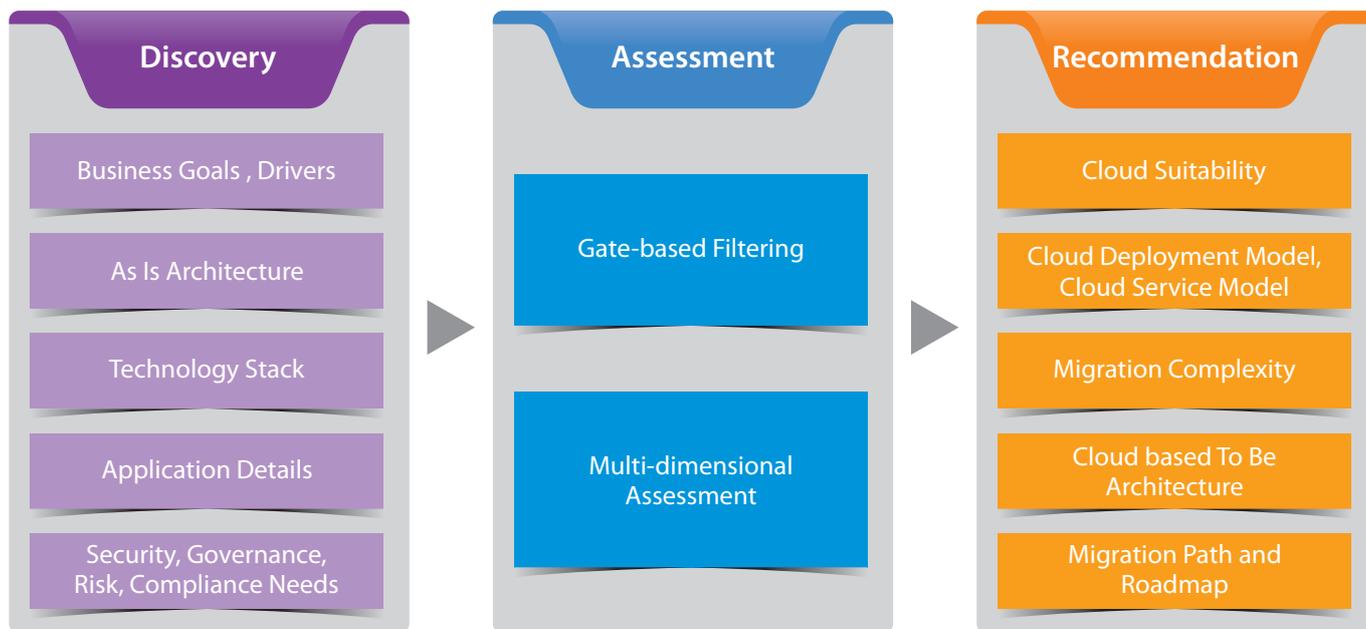


Conduct extensive assessment based on a comprehensive set of parameters whose weightage is customized to company context to improve relevance



Provide a clear roadmap with applications grouped and prioritized for optimal migration to cloud

TCS Process for Discovery, Assessment, and Recommendation Tool (DART)-based Assessment for Migration to Cloud



Our Solution

We conduct a comprehensive application portfolio assessment and offer risk-calibrated recommendations on leveraging cloud. We use our web and mobile enabled proprietary Discovery, Assessment, and Recommendation Tool (DART) and a structured process for cloud suitability assessment and architecture definition for cloud transformation. We provide recommendations on the applications to be migrated to cloud and a transition roadmap to cloud.

Additionally, TCS carries out a structured evaluation and comparison of cloud platforms and services based on pre-defined parameters. Our trained and certified architects detail the architecture and design to address cloud security, performance, scalability, reliability, and integration requirements of applications and data. For new or re-engineered applications, our architects guide companies on cloud architectural principles, design patterns, and platform services as well.

The TCS Advantage

By partnering with us, companies can leverage differentiators such as:

- **Accelerated delivery at lower risk:** TCS' mature, tool-based consulting and architecture approach speeds up assessment and reduces delivery risks.
- **Domain expertise:** Our certified and experienced consultants have rich experience in guiding enterprises through all stages of the cloud adoption journey.
- **Proven track record:** We have successfully delivered cloud assessments, architectures, and roadmaps for companies across multiple industries.
- **Strategic alliances:** Our extensive partner ecosystem provides us with access to leading cloud platforms, tools, and integration technologies. This translates to advanced solutions, superior support, and widespread expertise. We have partnered with leading cloud vendors such as Amazon Web Services, Microsoft Azure, and IBM Bluemix.



Improve agility and focus on innovation while reducing time to market and cost through rapid cloud adoption

Awards & Recognition



To know more

Visit the [Cloud](#) page on [tcs.com](#)
Email: digital.enterprise@tcs.com
Blog: [Digital Reimagination](#)

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering and assurance services. This is delivered through its unique Global Network Delivery Model™, recognized as the benchmark of excellence in software development. A part of the Tata Group, India's largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

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