

# Hybrid IT strategy and transformation consulting

**U**nderstanding how to maximize the value of cloud solutions and assimilate them into a hybrid IT environment requires expert guidance and a business-focused approach.

For most enterprises, rising IT run costs are reducing the investments needed to transform into more agile, modern digital enterprises. CGI's cloud and hybrid IT strategy and transformation services are designed to reduce cost, complexity and risk; maximize utilization; improve security; and provide clear direction on the best-fit approach for each organization. We focus on client-specific business priorities to align mission and stakeholder requirements with a technical solution that maximizes the value of the target hybrid IT environment.

As a full-service cloud provider with front-line experience in migrating, managing and governing cloud services globally, we help clients answer the what, how, why and when of cloud and hybrid IT.

## Strategy

- *Hybrid IT strategy, planning and design* – including multi-vendor sourcing and brokerage and integration approaches
- *Organizational and governance readiness* – including guidelines to ensure consistent vetting of cloud providers and assurance levels, , common cloud decision framework, methodology and cloud store taxonomy
- *DevOps enablement* – Guidance for cloud-enabled organizational, process and tooling changes to establish and transition to DevOps approaches to support innovation and transformation.

## Applications

- *Application Cloud Readiness Assessments* – Discovery and analysis of current applications environment to determine cloud suitability and streamline strategy
  - Applications are sorted and filtered based on dependencies, common environments, security and data sensitivity, migration readiness, etc.
  - Data is translated into actionable business-driven criteria such as cost, risk and level of effort against various hosting alternatives
  - A strategic view of the portfolio provides a suggested migration strategy, and maps applications to best-fit cloud environments and provides costing to operate the environment
- *Cloud application design and refactoring* – Use of code scanning tools to collect application details and define multiple cloud environments; flag



## KEY CONSULTING AREAS

We provide clients with expert guidance for enablement and transformation in:

- **Strategy:** design, planning, organization and process
- **Applications:** readiness, redesign, refactoring and migration
- **Data:** readiness and classification (such as data residency, protection, privacy, etc.)
- **Infrastructure:** discovery, readiness, redesign, modernization and optimization

systemic cloud inhibitors and apply application enablers, e.g. a factory-based approach to application refactoring

- *Transition/migration roadmap and planning* - Development of an end-to-end transition and migration roadmap
- *Security evaluation and integration* – Assessing application security requirements to achieved desired protection levels in the cloud
- *End-to-end migration execution* – Executing the roadmap from above

## Data

- *Data classification* – Hybrid cloud data classification framework for regulatory compliance and information security
- *Data cloud readiness* – Discovery and assessment of data residency, protection and privacy requirements and compliance in hybrid environments

## Infrastructure

- *Discovery, analysis and rationalization* – Identifying and evaluating current assets, including “shadow IT” (both internally and in the public cloud)
- *Hybrid cloud architecture and design* – Architecting solutions for cloud-based applications and development, including public, private and hybrid cloud environment and solutions
- *Hybrid Infrastructure planning and optimization* – designing the optimized comprehensive future hybrid infrastructure landscape including transformation roadmap and execution planning
- *Infrastructure readiness* – High-level business case and technical proof of concept for optimized hybrid target state
- *Facility level reviews* – Evaluation to determine investments needed to extend facility life, or move to cloud, co-location or some combination

CGI also offers support services and training to support cloud and hybrid IT strategies.

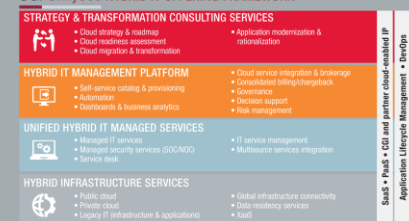
## Proven tools for success

CGI employs proven tools and frameworks to enable enterprise transformation and cloud adoption, including:

- *CGI Unify360 Portfolio Manager* platform and methodology for application portfolio management, which captures and aggregates business and operational requirements and translates them into technical requirements that can be used to architect achievable solutions
- *CGI Unify360 Code Analyzer* code scanning and remediation tool, which supports the automated scanning of legacy code for cloud-inhibiting code patterns; provides a library of cloud-enabling remediation code templates; and supports collection of application details and definition of multiple cloud environments
- *Client Cloud Management Framework*, a multi-dimensional organizational readiness questionnaire for strategy workshops facilitated by CGI

## UNIFY YOUR IT UNIVERSE

### CGI Unify360 HYBRID IT OFFERING FRAMEWORK



The CGI Unify360 Hybrid IT Management Suite enables holistic management of both on-premises and cloud-based services. It provides a portfolio of enablement consulting, managed services and infrastructure options, as well as a single management platform for operations, brokerage, governance and security. It also helps facilitate DevOps and other transformational practices.

## ABOUT CGI

Founded in 1976, CGI is one of the world's largest IT and business process services providers. We help clients transform into customer-centric digital enterprises end to end through high-end business and IT consulting, systems integration and transformational outsourcing services combined with a unique client proximity and best-fit global delivery model.

Learn more about CGI Unify360 at [www.cgi.com/unify360](http://www.cgi.com/unify360)