

# Cloud cost optimisation



Unlock cost-efficient cloud optimisation with CGI's independent review of private and public cloud environments, reducing spend and resulting in a more effective and high-performing infrastructure.

With CGI's cloud cost optimisation, organisations achieve significant cost savings, for example, typically saving between 15-40% of their spend on public cloud.

## The challenge

Organisations which have migrated to public cloud often significantly overrun their planned budgets. The typical causes of this include:

The need to execute a cloud migration quickly, e.g. as a result of a divestment, data centre closure or contract exit.	Rapid "lift and shift" style migrations from traditional on-premise to public cloud, performed without any optimisation.	Lack of governance around new ways of working in the cloud.
Lack of visibility into what is really consuming resources in the environment, and whether the service is appropriately sized for the workloads.	Estates which have evolved tactically and are out of control, e.g. developers spinning up new instances when required, with little consideration of ongoing cost.	"Container sprawl" where new cloud-native micro-services applications have been developed and instances not optimised.
Organisations failing to take advantage of new public cloud instance types as they're released. With the rapid pace of public cloud innovation, cloud cost optimisation is an ongoing requirement.	Large established on-premise or private cloud VMware environments. Looking to optimise existing environments before planning a migration to public cloud.	



## Why choose CGI?

Our expertise

CGI's cloud cost optimisation programmes are conducted by experienced advisors covering technologies and topics such as:

- AWS, Azure, Google Cloud Platform
- VMware virtualisation technologies
- Cloud adoption frameworks
- Well-architected frameworks

Building and managing an ecosystem of third-party providers for the benefit of our clients is one of CGI's top priorities. Our pool of global and specialised third-party providers, combined with alliances, market analysis and advisors, provides a wealth of knowledge, expertise and resources that have resulted in thousands of successful client projects.

## The CGI approach

Our technical advisors deliver a combination of best of breed partner solutions, native tooling and consulting experience to optimise cloud environments using a four-phased approach:

### Exploration

- Gathering data about the environment and delivering a rapid view of the optimisation potential, providing input for a business case for change.

### Enablement

- Delivering deeper insight and visibility into the current cloud costs and where specific savings can be made, considering instance types, public cloud, reserved instances and savings plan type schemes.

### Execution

- Providing the output for your consideration, or collaboratively planning the changes and implementing them in your environment for you.

### Evolution

- Optionally, integrating with DevOps processes, delivering integrated and automated right-sizing as part of Infrastructure as Code, CI/CD processes and ITSM processes.

Our advisors have an economical mindset that looks at both cost optimisation as well as where additional capabilities might be achieved. We provide an independent review of our clients' cloud strategies, advising on cloud operating model optimisation, cloud centre of excellence structures, governance and security guardrails.

## Key benefits delivered

- Rapid assessment of cloud costs and opportunities to optimise through a different lens
- Detailed recommendations per-instance, e.g. down-size, up-size, or just-right
- Assessing finance needs around optimised chargeback, purchasing and reporting
- Applicable to hybrid environment combinations, on-premise VMware & public cloud
- Control over complex container platform management
- Agent-less API-based model for public cloud environments, lightweight VM connector install for VMware environments
- Access to CGI experts with in-depth experience of each technology area and delivery experience
- Input into any client business case for further remedial activities or service improvement work to rectify any issues as quickly as possible
- Standardised methodology with a flexible and adaptable assessment approach, tailored to each client's specific needs.

“Speak to our technical advisors about combining CGI’s cloud strategy and cloud cost optimisation services with ITSM, tooling maturity and cyber security assessments.”

## About CGI

### Insights you can act on

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-based to help accelerate returns on your investments. Across hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

Learn more at [www.cgi.com/uk](http://www.cgi.com/uk)

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