

# CGI Storage as a Service (STaaS)

Storage can be expensive and inflexible. Enterprise class storage devices with high performance and availability are some of the most expensive pieces of infrastructure in corporate data centers. They are also quite inflexible as organizations need to purchase sufficient storage to meet peak storage requirements, whether for a year or a day. With CGI Storage as a Service, you alleviate the requirement for large capital outlay and, at the same time, are provided with the flexibility to scale your storage footprint up and down as demand dictates.

The CGI Storage as a Service (STaaS) platform is cost efficient and flexible, and can be used in different ways to suit your needs: presented securely to an existing environment and self-managed, or as a foundation for a private cloud platform. Meanwhile, CGI's breadth of coverage means storage can be replicated to alternate locations as part of disaster recovery solutions.

CGI STaaS provides your organization with a true consumption (OPEX) based solution. CGI is providing it as a turnkey service, assuming commercial risk and delivery responsibility for storage infrastructure assets located either at CGI or client data centres.



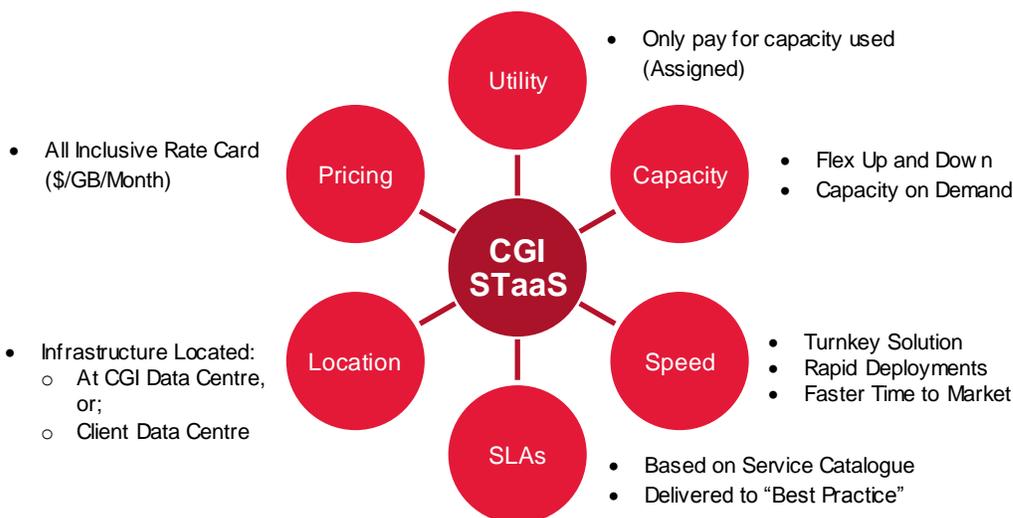
## FACT SHEET

CGI STaaS means:

- Cost efficiency
- Flexibility
- Lower risk
- Improved time to market
- Service availability

## DO YOU NEED “ON DEMAND” STORAGE?

CGI provides CGI STaaS as a turnkey service, assuming commercial risk and delivery responsibility for storage infrastructure assets located either at CGI or the customer's data centre.



Driven by budget constraints, high growth in business-relevant data (particularly unstructured data), and the increasing complexity of IT environments, customers are increasingly turning to cloud to help them manage their data needs. CGI has brought to market a variety of cloud services options designed to enable its customers to extend their business into the cloud with a set of solutions based on their specific needs and at their own pace. CGI has solutions for customers to choose one or more cloud delivery models, including private, public, and hybrid clouds.

### WHY CGI STORAGE AS A SERVICE?

When additional or temporary storage capacity is needed “on demand” and needed faster than what is possible with an on-site installation, STaaS is the answer. Additional capacity reduces your operational burden and can be available without incurring additional capital expense.

With CGI, you can vary capacity up and down based on changing demands, and reduce TCO by up to 40% with a “cost per GB” financial model.

- **Cost savings:** CGI STaaS offers a paradigm shift in the financial, infrastructure and operations model based upon a pay-per-GB utility with a decrease of 30-40% in TCO.
- With traditional storage models, you purchase storage in incremental blocks or steps and typically buy more storage than you need. However, our “as a service” utility model allows you to pay for only the storage you need, as you need it. The switch from traditional storage to our utility model can achieve savings of 30 to 40% or more unlocking capital to be used for more strategic initiatives that benefit your business and bottom line.
- **Lower Risk:**
  - Flex up/flex down – These terms describe an important feature of CGI STaaS that allows you to truly “pay as you go”, in a given month;
  - Flex up and flex down means that you are billed only for what is assigned. If consumption is lower than previous months, you only pay the lower amount;
  - Eliminates non-revenue producing assets depreciating on the floor;
  - Easily move workloads between different classes in order to reduce your cost.
- **Improve time to market** for strategic projects.
- Absorb storage bursts associated to cyclical business processing and new projects.
- **Turnkey Solution:** CGI, who has the ownership of the storage assets, is entirely responsible for the provision of storage infrastructure and on-going management. A turnkey service and solution for customers delivers rapid provisioning, increases product flexibility, and significantly reduces time to market.

### ABOUT CGI

Founded in 1976, CGI is a global IT and business process services provider delivering high-quality business consulting, systems integration and managed services. With 68,000 professionals in 40 countries, CGI has an industry-leading track record of delivering 95% of projects on-time and on-budget, aligning our teams with clients’ business strategies to achieve top-to-bottom line results.

For more information about CGI, visit [www.cgi.com](http://www.cgi.com)

or email us at [info@cgi.com](mailto:info@cgi.com).

- **Service Catalogue:** Tiered Storage Services defined in a standard Service Catalogue with SLAs and SLOs help businesses to match the appropriate data in the correct storage service with the proper cost.

## VALUE PROPOSITION

CGI supports private, public and hybrid cloud storage, enabling you to choose the right option for all your data and content, while allowing you to access the data you need when you need it. As your content, data, and analytics grow, CGI will provide the capabilities you need to scale your solutions and to more efficiently transform data into the intelligence necessary to “Innovate with Information”.

Information can be both your greatest asset and greatest challenge. More data means more storage and greater pressure to deploy another rack in an increasingly crowded data center. This makes the procurement cycle more costly, with setup costs and implementation delays becoming a concern every time you need to add more storage space. On the other hand, budget constraints, dynamic market demands, capacity upgrades and ever-evolving technologies are some of the IT challenges that most businesses face today. To cope with a fast-moving business world, IT professionals must look for an efficient way to support business growth while reducing the total storage cost of ownership.

## SOLUTION DESCRIPTION

CGI STaaS has different deployment options from on-client site premises where CGI installs into your infrastructure the required components to deliver the services. As such, your IT infrastructure can then extend into CGI's using standard protocols such as CIFS, NFS, HTTPS and even fibre channel. The extension into CGI's storage service is achieved through a virtual private network or private leased line connection. Designed with simplicity and reliability in mind, it will help you save on hardware and software capital costs. More importantly, you can reduce overall operational and management costs, while increasing operational efficiencies.

## COST EFFICIENCY

Our service offers predictable levels of service for a predictable price. You no longer need to worry about finding the capital to invest in hardware, managing renewal cycles or maintaining software licenses. CGI Storage as a Service is priced on a per gigabyte basis, aligning the cost that you pay with changing business demand. There's no need to rip and replace. The service can sit alongside your current infrastructure, augmenting your existing capabilities. You can transition data at your own pace, without disrupting day-to-day operations or changing hardware refresh cycles.

## SERVICE AVAILABILITY

All of CGI's data centers are built to the highest standards and engineered to withstand failures in hardware, network and power. CGI has selected industry leaders with proven track records in providing technology to meet the most

## ABOUT CGI

Founded in 1976, CGI is a global IT and business process services provider delivering high-quality business consulting, systems integration and managed services. With 68,000 professionals in 40 countries, CGI has an industry-leading track record of delivering 95% of projects on-time and on-budget, aligning our teams with clients' business strategies to achieve top-to-bottom line results.

For more information about CGI, visit [www.cgi.com](http://www.cgi.com)

or email us at [info@cgi.com](mailto:info@cgi.com).

demanding of mission-critical applications, offering up to 99.999% availability. We maintain a buffer of storage capacity so that sudden demand won't affect your operations, and rapid provisioning lets you scale up or down to respond to your changing business needs.

### **FAST AND EFFICIENT**

We use enterprise-class products from industry leaders to provide the performance that you need. CGI STaaS is suitable for everything from your critical enterprise applications to rarely used file shares. The service uses the latest developments in efficient data placement, across performance, access and capacity-centric storage. This provides targeted automation, helping you to select the appropriate storage classes for your application data.

### **ABOUT CGI**

Founded in 1976, CGI is a global IT and business process services provider delivering high-quality business consulting, systems integration and managed services. With 68,000 professionals in 40 countries, CGI has an industry-leading track record of delivering 95% of projects on-time and on-budget, aligning our teams with clients' business strategies to achieve top-to-bottom line results.

For more information about CGI, visit [www.cgi.com](http://www.cgi.com)

or email us at [info@cgi.com](mailto:info@cgi.com).