



Experience the commitment®

# Data Center Optimization and Consolidation

Global Infrastructure Services





CGI's consulting team helps clients develop and execute solutions that are responsive to their unique business needs ensuring that their data centers experience uninterrupted uptime over sustained periods.



As the foundation for all IT services, your data center keeps your business running. Having a clear strategy for managing and optimizing data center operations is critical. Many organizations are burdened with the high capital investment and operational costs of running multiple data center facilities acquired through organic growth, organizational change or mergers.

CGI has the expertise to help clients develop a data center consolidation and migration strategy based on their business and technical requirements that will deliver significant efficiencies and savings.



**Uptime  
Institute™**

## Expertise in consolidations and moves

Underestimating the complexity of data center moves - the time it will take, the skills required to do the job, the hardware needed - is more the rule than the exception when it comes to relocation and consolidation. This is especially true when taking into account complex application dependencies. No other area within your IT organization requires more effective planning, rigor or efficiently-run operations.

Because a data center move is generally a once in a career event for IT professionals, few companies have the expertise on hand to do it well. Our consultants bring firsthand expertise from data center planning, design, building, operations, and management to their evaluations of existing and proposed facilities.

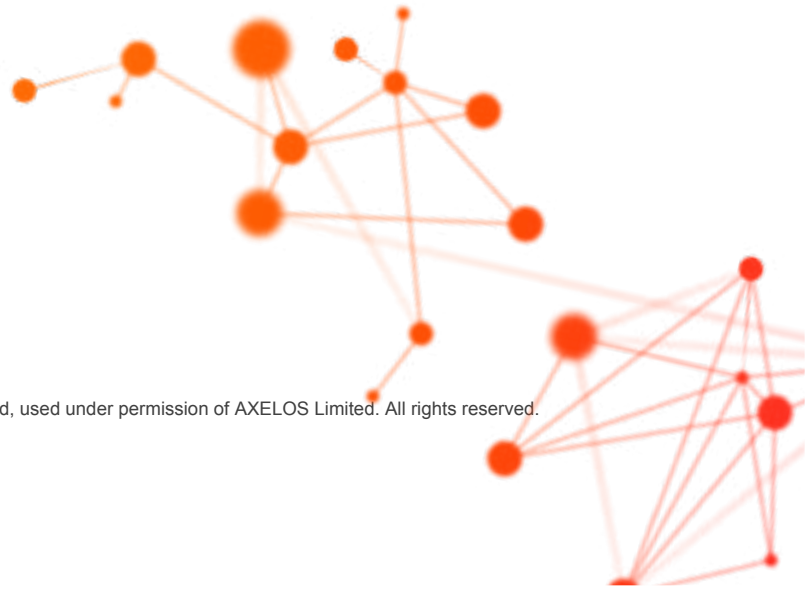
CGI's own data centers are regularly audited for CICA 5970 and SAS 70 compliance and employ industry-standard ITIL®-based processes and tools. Through these centers, we offer IT infrastructure services as part of a managed services agreement for some of the largest commercial and government organizations.

## Optimizing the data center through green technology

CGI's business model is oriented toward sustainable development, and we translate that commitment into concrete results as we help clients achieve cost savings while supporting their corporate social responsibility plan.

We apply the expertise we've gained in building and managing our own green data centers to help clients achieve savings by introducing environment-friendly technology.

Using rigorous processes that review operational efficiency, we have significantly reduced clients' energy consumption and carbon emissions within the electro-mechanical, physical and IT infrastructure. Specific improvements have included the deployment of technologies and techniques such as raised floors, lighting controls, cooling retrofits, and server virtualization and consolidation.









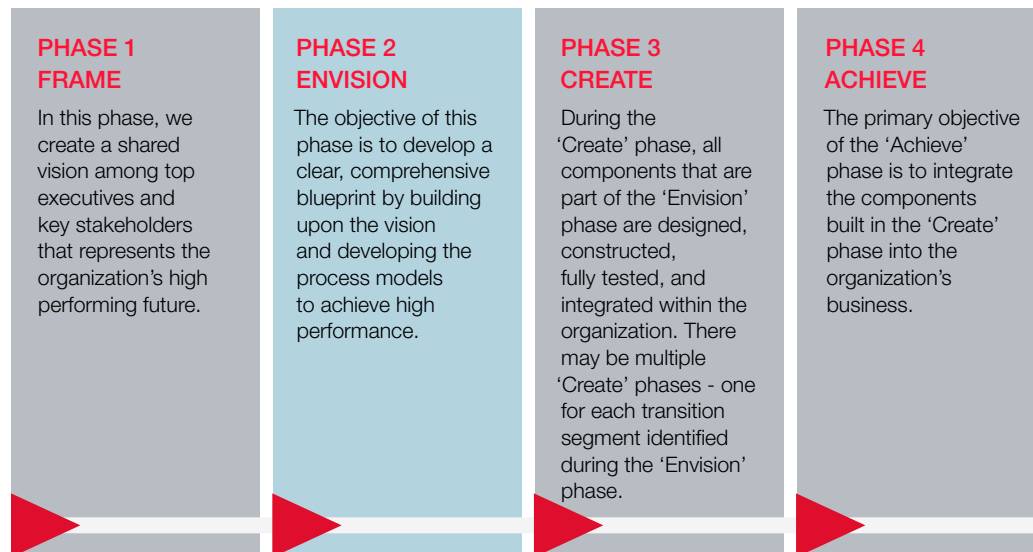
**Our services include the following:**

- data center consolidation and migration
- deployment of advanced, environmentally-sound techniques
- automation, such as net-centric servers and real-time data protection
- consolidation to achieve higher levels of scalability, availability and density
- virtualization to provide service velocity and optimize capital/operational expenses
- security services to protect critical data and address evolving threats
- compliance expertise to meet the demands of an increasing regulatory environment.

## Looking at the big picture

CGI understands that each component of a client's data center is critically interrelated. As a result, we provide detailed, comprehensive recommendations for optimizing each major entity as well as the overall center.

CGI's time-tested consulting approach helps clients better understand their current environment and recognize improvements that optimize operations - reducing costs, enhancing service and systems response, and supporting compliance. Our model includes four phases that examine your entire data center operations:



CGI professionals take the time to understand a client's business so that they can take a holistic view in helping to design, improve and scale the IT infrastructure and applications as business needs change. For example, we develop recommendations for optimizing in-house facilities through the use of dedicated or shared centers. We also help clients determine if using innovative technology such as cloud computing can be used to further improve efficiencies.



## cgi.com

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At CGI, we are in the business of satisfying clients by helping them succeed.

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

Through these offices, we offer local partnerships and a balanced blend of global delivery options to ensure clients receive the optimal combination of value and expertise required for their success. We define success by helping our clients achieve superior performance and gain competitive advantage.

We offer services to clients across the globe in the following areas:

- infrastructure services, solutions and consulting
- application management
- systems integration and consulting
- business process services.

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