




Consulting

Mainframe consulting



At the heart of the technical infrastructure, the mainframe computer is entrusted with your organization's most critical data and processes. You rely on its availability and security to keep your business running. Yet, without proper planning, the necessary upgrades, migrations and consolidations can be disruptive and costly.

At CGI, we guide our clients in the optimization and management of their mainframe environment. We've harnessed the expertise we've gained from 35 years of designing and operating an extensive network of data centers and, through our Mainframe Consulting offering, we assist clients on all aspects of mainframe transformations. We can provide systems programming and planning expertise to help achieve success and minimize transition impacts.

Optimizing your strategy

As your organization evolves, so should your mainframe strategy. Developing and implementing an approach that integrates the traditional strengths of the mainframe with the potential of solutions such as cloud computing requires expertise, forward thinking and an unbiased perspective.

CGI provides this and more. We offer planning and apply our technical expertise to mainframe initiatives. With CGI, clients can expect vendor neutrality and deep subject knowledge. The advice we offer to our clients is based on real-life experience serving some of the world's largest financial, government and retail organizations.

Our approach: Collaboration and flexibility

At CGI, we understand that every client's needs are unique, so we work closely with you to provide what you need, when you need it. Clients looking to reduce costs and risk engage CGI to conduct an overall assessment of their current mainframe environment. We consider the full spectrum of optimization opportunities and make actionable recommendations in the areas such as the following: energy reduction and efficiency, software cost reduction opportunities, virtualization possibilities, capacity improvements and disaster recovery options.

CGI's systems programmers are experts in the installation, customization and support of mainframe software, such as IBM's z/OS and z/VM and Unix Systems Services. This strong, experienced team also brings expertise in managing and implementing virtual tape technology, storage, partitioning and resource-sharing projects. And, if clients require temporary IT staff, CGI provides highly experienced onsite personnel for short or long term engagements.

Technical expertise

When clients come to CGI they get a wide range of technical expertise from one trusted provider. We don't sell hardware and, as a result, our clients benefit from our vendor-neutrality. Our experience spans multiple systems, solutions and hardware platforms, which include:

- z/OS, Unix Systems Services and z/VM
- Security software such as RACF, TSS, ACF2
- Telecom software, including SNA, TCP/IP, HPR/IP
- DBMS software expertise on DB2, IMS, CA-IDMS, CA-DATACOM, SUPRA, ADABAS
- Storage expertise on IBM DFSMS / HSM / ATAM and equivalent CA and Innovation Data Processing products
- Virtual tape and software technologies implementation such as IBM VTS and Oracle/Sun storage (HSC, VSM, ExHPDM)



As these skills become harder to find in the industry, our deep expertise in mainframe consulting is at your doorstep for projects, strategic infrastructure planning or to assist with day-to-day operations.

- System automation with software such as CA-OPS/MVS, Mainview AO and IBM SA
- Scheduling software such as CONTROL-M, CA-ESP and ZEKE
- Online and messaging software such as CICS TS, IMS-DC, CA-IDMS/DC and MQ Series
- Web and Java server, including IBM HTTP Server and Apache Tomcat
- Debugging software suite from IBM, Compuware, CA, ASG and MACRO4, and dump analysis
- Performance management, tuning and capacity planning, including SAS/MXG/MICS tools and performance monitor
- Programming in Assembler, Clist and REXX
- Development and support of TSO/ISPF



At CGI, we're in the business of satisfying clients by helping them win and grow.

Since our founding in 1976, we've operated upon the principles of sharing in clients' challenges and delivering quality services to address them. As a leading IT and business process services provider, CGI has a strong base of 31,000 professionals operating in 125 offices worldwide, giving us the competitive advantage of close proximity to our clients.

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 & Consulting
- Managed Application Services
- Systems Integration and Consulting
- Business Process Services

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Business
solutions
through
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