



_experience the commitment™

Technology and mission solutions powering
transparency, accountability, and collaboration

**For Government and Industry
Environmental Partners**

Business
solutions
through
information
technology®





YOUR ENVIRONMENTAL PARTNER

CGI is a global environmental partner with nearly 35 years of service to our federal, state, and industry clients. Our solutions enable client organizations to focus on protecting human health and the environment while advancing transparency, fiscal accountability, and collaboration. We assist our environmental clients with:

- Full IT support, including hosting, service desk, IT service management, systems development, integration, and consulting, application management, technology management and business process services
- Environmental IT support for air, water, and waste monitoring, pollution prevention, land management, chemical inventory reporting, and climate analysis
- Functional support for permitting, compliance, inspection, lab analysis, and research
- Administrative IT support for financial management, budgeting, and procurement

As our domestic and global clients also increasingly focus on energy efficiency and climate change, CGI is there to provide the technology and expertise they need to succeed.

DELIVERING RESULTS

Transparency

CGI partners with clients to instill confidence among their stakeholders through access to high-quality program and financial data, including:

- **Providing public environmental information** such as EPA's Toxic Release Inventory (TRI) program, Beaches Environmental Assessment and Coastal Health (BEACH) program, and Great Lakes Environmental Database (GLENDa)
- **Strengthening compliance** by improving content and records management through Enterprise Content Management (ECM) system support, and training, as well as complete permitting and compliance solutions
- **Supporting EPA's OpenGov initiative** with strategy, messaging, and document management services
- **Assisting industry in meeting the challenge of regulatory compliance** through REACH, TSCA, and RCRA; and reporting for chemicals and hazardous materials use.

Fiscal Accountability

Our built-for-government ERP solutions and managed application services deliver best practices in financial management and valuable cost insights to our environmental partners, by:

- **Modernizing and integrating financial management, budgeting, and performance** systems for EPA and state partners
- **Analyzing agency spending** and recommending strategic sourcing plans to realize millions of dollars in potential annual savings
- **Providing insight** into the resources and costs required to support hundreds of applications, enabling better investment decisions for our managed services clients.

Collaboration

Clients need innovative solutions to collaborate, reduce data exchange costs, leverage investments across organizations, and build communities of interest. Our experience includes:

- **Enabling regulators to make better-informed decisions** with fast, efficient, and more accurate data submissions to EPA from state and local governments, tribes, and industry. As the contractor supporting EPA's Central Data Exchange (CDX), CGI supports and monitors thousands of data exchanges between varying levels of government and industry partners annually
- **Standardizing data collection and monitoring** to support analysis of climate change, water quality, and air quality, as EPA's implementation partner for National Environmental Information Exchange Network (NEIEN); and providing multiple Open Source Data exchange technologies for NEIEN partners to publish and share data

- **Helping states improve their permitting, licensing, compliance, and enforcement** programs and streamlining data transfers to EPA by integrating CDX nodes with state environmental solutions and building Regulatory Services Portals
- **Providing better services and collaboration tools to our client's customers** by deploying portals such as: EPA's ORD@Work, Integrated Services Staff Portal, Registry of EPA Applications and Databases (READ), and the Environmental Science Connector (ESC) which brings scientists together from around the world to collaborate on environmental research topics
- **Building and integrating data warehouses and creating agency-wide reporting** capabilities to get the right information to the right people at the right time for informed decision-making.

FULL-SERVICE IT CAPABILITIES

CGI serves its environmental partners with a full suite of capabilities and a dedicated commitment to delivery excellence across the IT lifecycle.

Technology Management

CGI creates reliable, secure, and cost-effective infrastructures that fuel innovation and growth via:

- **In-depth security protection** to meet federal and agency-specific security standards and requirements, such as physical separation of system infrastructure, physical security for CGI facilities, logical security for system components, support for certification and accreditation (C&A) examinations and SAS 70 audits, as well as C&A support for client applications
- **Contingency planning and risk management** with continuity of Operations Planning (COOP) and Disaster Recovery (DR) planning and support
- **IT infrastructure optimization** with tools and processes to help clients reduce energy costs, carbon footprints, and overall resource consumption. We also provide expertise in operations consolidation, virtualization, cloud computing, and energy efficiency.

Managed Application Services

CGI's comprehensive application management, hosting, and transition capabilities, include:

- **Global experience** managing both CGI and client-owned, state-of-the-art data centers
- **Secure and reliable environments** for managing customer IT functions. More than 40 federal agencies utilize CGI's COEs to support their operations
- **Onshore Delivery Model** offering the full suite of CGI services from high-quality resources at COEs based in rural U.S. communities
- **Transition and transformation of large, complex government programs**, such as EPA's CDX program which was transitioned from a previous contractor while concurrently implementing FederalReporting.gov. CGI also transitioned the support for more than 300 EPA applications within the Office of Research and Development (ORD), meeting targets for schedule, cost savings, and quality improvement
- **Proven methodology, management tools, and client-centric governance model** that combine to deliver high-quality services with significant cost savings.

Systems Integration & Consulting

CGI's expert direction and technical knowledge for government and industry partners, includes:

- **Business intelligence and data warehouse services** to improve the integration and quality of information for decision-making and business performance analysis. For example, CGI integrated a climatology system to process and validate high volumes of data for the Québec Environment Department. CGI services include dashboard, scorecard and analytics technology deployment, data quality improvement, and business intelligence strategy, architecture, and optimization.

SUPPORTING EPA'S OPENGOV INITIATIVE WITH STRATEGY, MESSAGING, COMPLIANCE, PLAN DEVELOPMENT, AND EXECUTION

EPA's Central Data Exchange (CDX) was selected to deploy one of the largest expedited system implementations in the government, **FederalReporting.gov**. It collects and feeds data on grants, contracts, and loans from the American Recovery and Reinvestment Act's (ARRA) \$787 billion in stimulus funding. As of April 2010, nearly 87,000 individual users were processing more than 190,000 grant reports via Federalreporting.gov.

As the supporting contractor for CDX, CGI partnered with EPA to meet this government-wide mandate in record time. CGI implemented FederalReporting.gov at our Center of Excellence (COE) in Phoenix, Arizona, collecting and reporting ARRA recipient data in just five months from the award of the CDX contract. Multiple innovative channels were used for user education, including webinars and video tutorials on YouTube. The FederalReporting.gov Help Desk provides users with phone, email, and live chat support.

Deploying a single, government-wide system significantly reduced the cost of data collection for all federal agencies, while giving fund recipients a one-stop shop to register and report on all of their ARRA spending.

SUPPORTING GREEN IT AND ENERGY EFFICIENCY

- Use of alternative energy sources in several CGI data centers
- Infrastructure optimization services
- Energy efficiency monitoring and continuous improvement processes and tools.

- **Enterprise architecture services** to identify business drivers, develop technology blueprints and technical design requirements, conduct audit and risk studies, and create migration strategies
- **Service Oriented Architecture (SOA) services** powering efficient data exchanges among multiple Lines of Business (LOBs), e-Gov, and agency programs
- **Built-for-government technology** for modernizing enterprise resource planning throughout the federal government (Momentum®) and across the states (AMS Advantage®).

Business Process Services

To enable clients to increase efficiency, reduce costs, and focus on their core business, CGI helps manage day-to-day operations. A key business process service of interest to our environmental partners includes our support for EPA's Risk Management Program (RMP). CGI collects, processes, stores, tracks, and publishes RMPs gathered from regulated industry at a CGI-operated reporting center. CGI also provides business process services, such as: centralized debt collection, contracts administration, document management, enterprise resource planning, and testing—including all aspects of establishing, operating, and expanding a testing operation.

THE CGI DIFFERENCE

- **Transparency:** Proven processes and tools providing clients with rapid access to information on costs, schedules, and milestones
- **Accountability:** Our focus is on results and client satisfaction and we provide reporting and metrics that keep clients in control of their programs
- **Flexibility:** Multiple service options to suit client-specific needs and budget constraints, including geographically dispersed delivery
- **Responsibility:** Commitment to responsible and environmentally-oriented operating practices
- **Government expertise:** Best practices from working with more than 100 federal and state government agencies for nearly 35 years
- **Quality:** ISO 9001 and SEI CMMI Level 3 certified quality processes and frameworks.

CONTRACTS AND VEHICLES

- | | |
|---|-----------------------|
| • EPA | • GSA/Government-wide |
| – Software Engineering and Specialized Scientific Support (SES 3) | – GSA Alliant |
| – ITS EPA II | – GSA IT Schedule 70 |
| – Financial Systems Modernization Project (FSMP) | – GSA MOBIS |
| – Integrated Financial Management System (IFMS) | |

*Gartner has given CGI a “strong positive”—the highest possible rating (for data center outsourcing services). * —Gartner 2010 “MarketScope for Data Center Outsourcing, North America” by Richard T. Matlus, William Maurer, 10 March 2010)*

ABOUT CGI

Founded in 1976, CGI Group Inc. is one of the largest independent information technology and business process services firms in the world. CGI and its affiliated companies employ approximately 26,000 professionals. CGI provides end-to-end IT and business process services to clients worldwide from offices in Canada, the United States, Europe, and Asia Pacific as well as from centers of excellence in North America, Europe, and India. As of March 31, 2010, CGI's order backlog was \$11.4 billion. CGI shares are listed on the TSX (GIB.A) and the NYSE (GIB) and are included in both, the Dow Jones Sustainability World Index and the FTSE4Good Index.

ENVIRONMENTAL CLIENTS

Government

United States

- Partnership with the Environmental Protection Agency (EPA) extends throughout the Agency
- Provided support for a wide variety of departments from 15 State environmental programs
- Chemical data management and hazard communications solutions for the Defense Logistics Agency

Canada

- Pest Management Regulatory Agency—Health Canada
- Québec Department of Environment

United Kingdom

- United Kingdom's National Meteorological Service: Met Office

Industry

- Leading chemical and petrochemical companies around the world.

