

CGI and Cybersecurity in Retail

Leading retailers face an increasing number of security issues affecting their business and confidence levels. Big brands have been hit by data breaches while striving to offer more competitive services. At the same time, they are dealing with onerous risk and compliance requirements, increasingly scarce security resources, complex technologies and a constantly changing threat environment. CGI helps retailers establish more confident, effective and compliant security programs across all channels.

RETAIL SECURITY CHALLENGES

Today's retailers must understand the risks they face in connecting with customers, reaching new markets, creating new revenue streams through product and service innovation, and reengineering the supply chain—all while driving cost reductions. Yet, less than 11% of retailers are estimated to have adopted industry-standard security measures. Many do not have the capacity to effectively address:

- Compliance with PCI-DSS, privacy and other regulatory requirements
- Identity and data loss theft
- Scarcity of skilled security resources
- Understanding of safeguard effectiveness
- Enhancement of employee security awareness
- Adaption of security programs to new business models
- Protection of data from threats, including corporate espionage and cyberattacks

IMPROVING RETAIL CONFIDENCE WITH A SYSTEMATIC APPROACH

While risk cannot be eliminated, retailers need confidence that their operations are secure and compliant. This confidence can only be established with an understanding of their risk posture and the knowledge they have appropriate security controls in place, managed in a systematic manner based on continuous improvement.

CGI applies our expertise, methodologies and technology to help retailers establish more confident and effective security programs across corporate, retail and online commerce, while meeting the ever growing demands of customers and regulators.



LOOKING BEYOND PCI-DSS

Security in retail is much more than brick and mortar physical security and PCI-DSS (Payment Card Industry Data Security Standard) compliance.

PCI-DSS compliance requires that security controls are sufficient for the credit card industry and systems using credit card data, but, what about the security of the rest of the organization? Putting in place an insufficient program can result in major breaches, reputation damage and even business failure.

Security in retail must be addressed in a lifecycle approach that involves management, technical and physical aspects of the organization.

We do this using a systematic approach based on industry standards and years of experience working in retail, hospitality, financial services and healthcare. Our approach includes three phases:

1. Gather	2. Analyze	3. Recommend
<ul style="list-style-type: none"> • Review of policies, procedures and controls • Mapping of security to business requirements • Review of management, technical and physical controls • Compliance requirements • Security awareness 	<ul style="list-style-type: none"> • Gap assessment • Asset valuation • Threat analysis • Vulnerability assessment • Compliance assessment • Standards used as a baseline for measuring security effectiveness • Analysis of events 	<ul style="list-style-type: none"> • IT security framework and roadmap development • Policy and procedure development • Security awareness training • Security management, including the planning, deployment and monitoring of security controls

PROVEN RETAIL SECURITY EXPERTISE

CGI partners with major retail brands to protect their businesses by assessing their security posture and analyzing potential cyber risks. We continuously monitor for threats in real-time and put in place the necessary defenses. We also have helped retail and consumer goods clients adapt and remain competitive through the transformation of complex retail systems critical to success in today's marketplace.

SECURITY IS PART OF EVERYTHING WE DO

CGI is one of the few providers worldwide with three accredited security certification facilities—in Canada, the U.S. and the UK. In addition, our 10 Security Operations Centers continuously identify and deploy the best solutions to maintain a state-of-the-art infrastructure, handling more than 550 million cyber events per month.

Our end-to-end cybersecurity offerings for retail include:

- **Enterprise security management**—articulating governance and policies to help clients make smarter investments, and identify the costs, benefits, risks and opportunities associated with deploying new strategies, and leveraging existing security investments.
- **Security architecting and engineering**—designing, developing and deploying effective cybersecurity solutions.
- **Managed security services**—leveraging expert staff and advanced technologies to achieve the highest levels of security and regulatory compliance for our clients, while reducing their costs by 20%-40%.

ABOUT CGI

Founded in 1976, CGI is one of the largest IT and business process services providers in the world. We combine innovative services and solutions with a disciplined delivery approach that has resulted in an industry-leading track record of delivering 95% of projects on time and within budget. Our global reach, combined with our proximity model of serving clients from 400 local offices worldwide, provides the scale and immediacy required to rapidly respond to client needs. Our business consulting, systems integration and managed services help clients leverage current investments while adopting technology and business strategies that achieve top and bottom line results. As a demonstration of our commitment, our client satisfaction score consistently measures 9 out of 10. Visit cgi.com for more information.

CONTACT

For more information on our cybersecurity capabilities, visit www.cgi.com/cyber

Learn more about CGI in the retail industry at www.cgi.com/retail