

CGI Operational Technology Security Services



CGI's comprehensive end-to-end Operational Technology (OT) security service portfolio is designed to protect our clients' OT environments.

OT Security Consulting and Advisory

CGI's security consulting and advisory services provide insights and thought leadership on the strategy, approach, methodology and assessments on governance, risk reduction and compliance against industry leading security frameworks.

Governance, Risk and Compliance

- Risk and Gap Assessments
- Strategy and Governance
- Security policy and process development
- Business continuity and OT resilience assessment
- Compliance review and assessments

Asset Management

- OT asset discovery, profiling and management

Training and Awareness

- Review and design OT training programs
- OT Incident Response Simulation
- Cyber Crisis Management review and simulation

OT Security System Integration

CGI's OT Security System Integration helps clients review, build and configure security controls that minimise disruption, reduce attack surface and help to maintain cyber resilience in hyper sensitive OT environments.

Architecture and Implementation

- OT security architecture and design
- OT system and software integration
- Systems and technology implementation

Network Management

- Review, assess and design the network architecture
- Review/assess the data and network flow
- Design and implement intrusion detection and prevention

Solutions

- Network Segregation Testing
- Firewall Exposure Testing



CGI's end-to-end cybersecurity approach

Assess the risk

- Assess gaps
- Strategise
- Prioritise needs
- Establish clear action plans for the mitigation of OT and business risks

Protect the business

- Designing and building OT networks
- Integrating and implementing cybersecurity controls with minimal disruption and in alignment with the cybersecurity risk reduction strategies

Operate with confidence

- Onshore 24/7 OT security monitoring
- Assisting OT clients with assurance via penetration and vulnerability testing, reviews and simulation exercises to mitigate and prepare the organisation to respond to an OT cyber-attack

- Wireless Testing

Configuration Management

- Active Directory Review
- Database Configuration Review
- Firewall Configuration and Ruleset Review
- Network Device Configuration Review
- Software Configuration Review
- Server Build Review/Client Build Review

OT Security Managed Services

CGI's OT Security Managed Services providing onshore 24x7 visibility, detection of anomalies and rapid response to security breaches in OT environments.

Threat Intelligence

- Corporate Digital Footprint Analysis
- Personal Digital Footprint Analysis

Detection and Response Management

- Review Detection and Response solution
- Architect and Design Detection and Response solution
- Management of Detection and Response solution
- Detection Use Case Development
- Onshore 24/7 Security Controls Monitoring

Vulnerability Management

- Review, Design and Implementation of Vulnerability

Management Solution

- Vulnerability Assessment and program management
- Configurations assessment and management
- Patch management

Access Management

- Identity and Access reviews
- Review and design Role Based Access Controls
- Privileged Access Management systems implementation and management

Cybersecurity and Physical Security Testing

- Industrial Control System Testing
- RTU Testing
- OT Facilities Physical Security Assessments
- Secure Code Analysis
- Red Team Exercises
- External Network Assessment
- Web and Mobile Application Testing
- Web Services Testing
- Phishing Exercises

Insights you can act on

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-based to help accelerate returns on your investments. Across 21 industry sectors in 400 locations worldwide, our 78,000 professionals provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

For more information:

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