

# Quality assurance and testing



When creating new IT applications in the life sciences industry, high regulatory requirements, such as GxP, have to be met. CGI's field-tested quality assurance and testing services help you to comply with these requirements efficiently.

## Gain a head start through efficient testing

Our comprehensive portfolio of testing services covers the entire test cycle and includes a full range of technologies, industries, and geographies. Our testing frameworks, methodologies, and tools let us achieve automation in a matter of weeks instead of months while reducing both costs and time to market and boosting quality.

### Strategic consulting and quality management

- Quality assurance and testing maturity assessment (CMMI/TMM)
- Future state model and implementation roadmap
- Implementation of centers of excellence for quality assurance and testing
- Program and project management
- Early addressing of quality issues
- Business acceptance

### Management and implementation of quality assurance and testing

- Program and project management
- Outsourcing
- Global delivery
- Program and project management
- Agile testing
- Test data management



## Your benefits at a glance

- Significant reduction in effort, duration and cost of validating IT applications with our methods and tools
- This helps us to provide innovative solutions faster and more cost-effectively
- Applications meet high requirements and thus better support business processes

## Our expertise in the life sciences industry

- We have worked on more than 700 biotechnological and pharmaceutical projects with 50 customers
- 11 of the 20 largest biotech and pharmaceutical companies are among our customers

## Performance

- Load and stress testing
- Scalability and volume testing
- Performance monitoring and tuning

## Security assurance

- Vulnerability and penetration testing
- Application infrastructure testing and hardening
- Application security consulting
- Automated test service management (ATSM)
- Automation assessment, strategy, and implementation
- ATSM and GTS automation frameworks
- Technology-specific solutions (ERP, SOA, TIBCO, SAP, etc.)

## Specialized services

- Testing of user acceptance and operational readiness
- Testing of accessibility, usability, and privacy
- Testing infrastructure and test data support services
- Mobile and embedded testing
- Agile, mobile, and testing certification training
- Regulatory and compliance testing

## About CGI

### Insights you can act on

Founded in 1976, CGI is now one of the world's largest IT and business consulting services firms.

We are insights-driven and outcomes-based to help accelerate the returns on your investments. Across hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

### For more information:

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