



# TESTING CENTER OF EXCELLENCE

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The Testing Center of Excellence (CoE) is the knowledge and innovation arm of CSC's Global Testing practice. The Testing CoE offers an independent, intelligent, innovative approach to information technology (IT) testing services, providing tailored engagements, flexible delivery and differential pricing to meet clients' business and IT objectives. Our cross-industry testing services include functional testing, non-functional testing, test automation, certification, localization, tool advisory and testing advisory services for business applications, enterprise applications, custom applications and ISV products. As recognized by Industry analysts testing is one of the fastest growing options in the applications space with a predicted CAGR of over 20 percent.

Clients are embracing several of the newest CoE offerings including:

- Virtualization and cloud computing for rapidly provisioning virtual QA labs
- Industrialized lean testing processes
- Accelerated testing solutions in the cloud
- Next-generation performance solutions that leverage the SaaS (Software as a Service) model for delivering TaaS (Testing as a Service) solutions
- End-to-end Mobile testing including security testing on real devices and emulators

Our CoE is also vigorously exploring test data management and crowd-sourced models for testing.

The Testing CoE blends industry know-how with consulting expertise to consistently deliver testing solutions that improve test coverage and predictability of outcomes while optimizing test cycle time. CSC has over 9,000 testing professionals worldwide; the CoE leverages testing expertise across the globe to serve as a "one-stop shop" for end-to-end testing services, providing scalable "right-shore" services with standardized tools, frameworks, accelerators and processes. Our Application Test Quality Assessment helps to baseline a client's maturity, provide a roadmap for improvement, and implement testing innovation. Our time-tested, SLA-driven, seamless delivery model guarantees economies of scale, application performance, time-to-market and improved test tool ROI through lean processes and life cycle test automation. Our recent acquisition of Applabs has further enhanced our capability, with focused GTM, dedicated testing sales / sales support staff, IP and low cost model for scale-up.

We partner with industry Automated Software Quality tool leaders to deliver testing solutions that meet clients' unique needs. We combine our partners' leading edge technology with CSC's consulting and testing skills to create competitive solutions, frameworks, reusable assets and testing accelerators to achieve higher quality, lower cost and increased speed-to-market. We are in the constant endeavor to test, evaluate and demonstrate new tools (including open sources) and technologies to benefit our clients.

CSC's Centers of Excellence help clients explore state-of-the-art solutions with minimum up-front investment, leveraging CSC's top talent to maximize innovation and results. Each center has a designated facility and staff who demonstrate and deliver solutions and evaluate products, methodologies and concepts.

*“The Testing CoE has matured by developing cutting-edge, accelerated, quality-engineered testing solutions that are industry specific, technology specific and cloud-enabled. The Testing CoE continually focuses on test process maturity, test innovations and skill competencies to deliver quality-driven products and services with reduced cost of ownership.”*

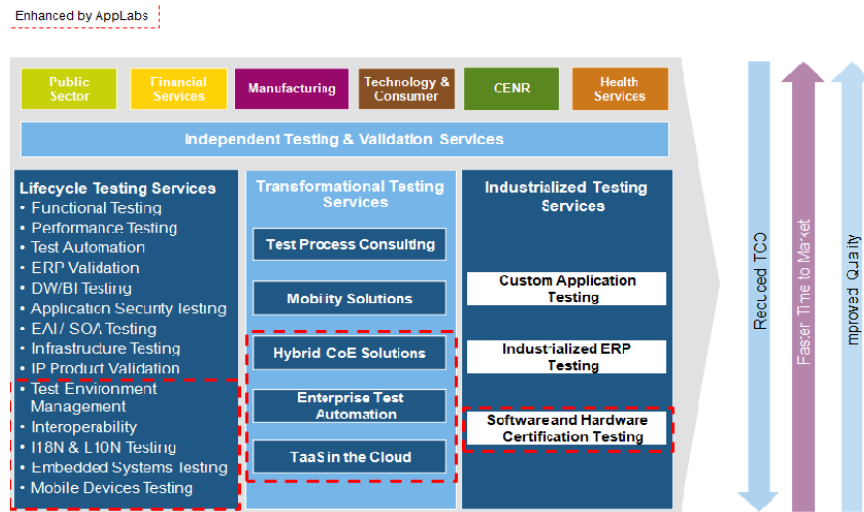
J.S. Samuel  
 Director, Global Testing Practice, CSC

The Center has dedicated labs for conducting proof-of-concept projects and developing competencies in automated testing across technologies and industry-specific applications. We optimize our testing strategy using Quantitative Test Process Management techniques, thereby increasing testing efficiency, which ultimately is a cost advantage for clients.

The Center’s ITVS (Independent Testing and Validation Services) Academy has a dedicated lab for testing and project-related training to expand our staff’s expertise and knowledge. The Center manages and maintains the knowledge management for testing.

## CAPABILITIES

The Testing Center of Excellence offers cross-industry services for lifecycle, transformational and industrialized testing.



## LEVERAGE THE TESTING COE ADVANTAGE

Our Testing CoE works with marquee clients across industries to provide independent testing and validation services that help customers:

- Go to market sooner with accelerated application delivery (through reduced rework and lowered testing cycle time)
- Direct and control their cost of quality by bringing predictability to software quality
- Reduce application total cost of ownership through improved quality and bug-free applications
- Improve agility through quick response to business changes and end-user requirements using our alternate models
- Address fluctuating resource needs and the need for niche skills in testing
- Gain access to diverse testing tools and expertise
- Move from Capex to Opex models of sourcing by leveraging cloud, virtualization technologies and SaaS models