



Brochure

Transform Your Validation Process Outcomes with LTI's SmartValidate Framework

Overview

Process validation is a critical component of the pharmaceutical industry that builds quality and compliance into products and service to assure patient safety and meeting regulatory requirements. LTI's SmartValidate Framework delivers validation processes that are lean, consistent, and transparent. Its strategic, tool-based validation architecture automates processes, maximizes coverage, ensures reusability, offers a metrics dashboard, and enables seamless transformation.



What SmartValidate offers



Right-sized validation for quality by design

- ▶ Lean, consistent validation governed transparently through managed services with focus on Computer System Assurance
- ▶ Tool-based (paperless) validation to streamline and simplify processes
- ▶ Lean Cloud assessment, qualification and validation services



First-time-right approach for enhanced experience

- ▶ Experienced V&V team and robust QMS processes and training for first-time-right focus
- ▶ Metrics dashboard that automatically pulls data from validation/test management tools



Automation by design for accelerated delivery

- ▶ Automation strategy focused on maximizing coverage and reusability
- ▶ Model-based automation through script-less test automation tools
- ▶ Hybrid approach for tools to optimize license cost
- ▶ Deploy early automation SOP to enable OQ automation of GxP apps

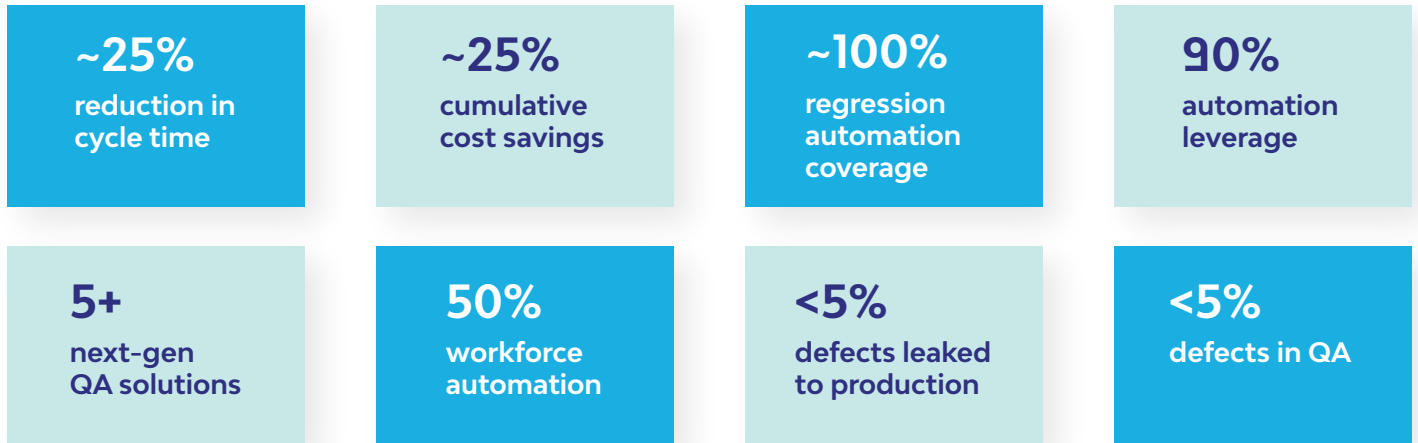


Future-readiness that embraces new-age technology

- ▶ Dedicated transformation office to focus on adopting regulatory changes, AI/ML adoption, tool onboarding, qualification, and piloting
- ▶ Comprehensive set of tools to address future needs, including test data management, performance, security, and customer experience testing

Potential Outcomes

LTI's SmartValidate Framework can help leading global pharma companies transform their results by delivering



SmartValidate Service Catalog

Validation - COTS

LIMS | CDS | MES | ERP | CTMS | RIM | SCADA | DCS | Custom Apps

Qualification

Lab equipment | Instruments | IT Infrastructure | Data Center | Tools & Technology | Vendor

Cloud Enablement

IaaS PaaS FaaS CaaS Qualification | SaaS validation

Validation Life Cycle Services

Deviation management | Change Management | Periodic Review | Compliance-in-depth | SOP maintenance

Testing & Automation

Reusable assets | Reusable scripts | Automated Testing

Partnerships

Valgenesis | TOSCA | BEAT | Zifo | Navitas

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 460 clients succeed in a converging world. With operations in 33 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 40,000 LTIites enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees and shareholders. Find more at <http://www.Ltinfotech.com> or follow us at @LTI_Global.

