

TCS Life Sciences domain capabilities

Accelerate clinical development, catalyze innovation and unlock efficiency



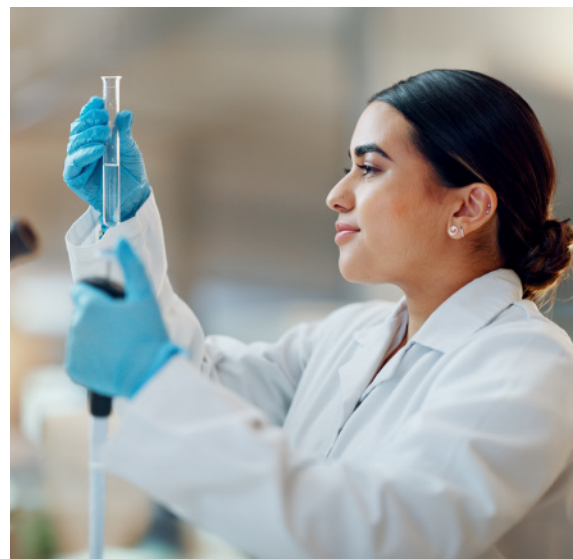
Purpose

With collaboration at our core, we help our biopharma and medical device customers unlock innovation and streamline operations.

Trends and challenges in the life sciences industry

Drug development and drug delivery are being redesigned owing to enhanced understanding of the molecular mechanisms underlying diseases and biomarkers. These factors are driving the demand for precision medicine, real-world evidence trials, and increased patient safety and centricity. The generation of such high-volume, high-velocity and multi-variate data poses significant challenges to both service providers and pharma/MedTech sponsors leading to complexity of data integration and data interpretation. Furthermore, ensuring compliance across diverse markets and maintaining regulatory submission timelines are mandatory components of the process as well.

Re-inventing the traditional ways of working requires significant digital transformation across the value chain to enable accurate patient-reported outcomes and data-driven decision-making. An integrated ecosystem enabling end-to-end seamless data flow with real-time visualization and advanced analytical capabilities is in demand. Pharma/MedTech companies are also seeking scalable, efficient and cost-effective service models that offer end-to-end support across the product lifecycle, from the development stage to the post-approval stage.



A snapshot of our offerings

Clinical operations: ensuring operational excellence	Clinical data management: from data to decision	Biostatistics and programming: insights-driven analysis	Medical writing & medical affairs: AI agent assisted services	Pharmacovigilance/ device vigilance: driving patient safety	Regulatory affairs: low-touch submissions
We provide scalable, high-quality, and technology-enabled clinical operations services empowering our clients to conduct efficient, compliant, and patient-focused clinical trials	We combine innovation, collaboration, efficiencies, and compliance to enable data-driven decisions	We leverage AI/GenAI for data visualization to identify early trends in clinical studies.	We deliver high-quality audience-focused clinical documents, leveraging Gen AI/LLMs	We enable real-time data visualization of health indicators by leveraging predictive analytics, real-world data (RWD) analytics for smart surveillance and real-time insights	We minimize human intervention while maximizing automation, compliance, and quality – essentially submitting right the first time
- Accelerating clinical trial timelines leveraging technology and data analytics - Facilitating strategic collaboration - Enabling proactive risk identification and mitigation	- Minimizing manual effort using AI/Gen AI capabilities, agile, risk-based data management - Adopting clinical data science practices	- Transforming real-time data and analyzing statistics by adopting traceable sematic data, and metadata standards - Planning and execution of innovative trial designs and exploratory analysis - Upskilling workforce in R-programming	- Regulatory writing - Clinical trial disclosures - Scientific publications - Plain language writing - Medico marketing	- Seamless global and local PV operations - Light touch case processing - Automation for aggregate report authoring and early signal detection and trend analysis - Gen AI-driven literature review	- Content generation, summarization and narrative creation - Content discovery and classification - Amendments/ variations - Renewals - Annual reports

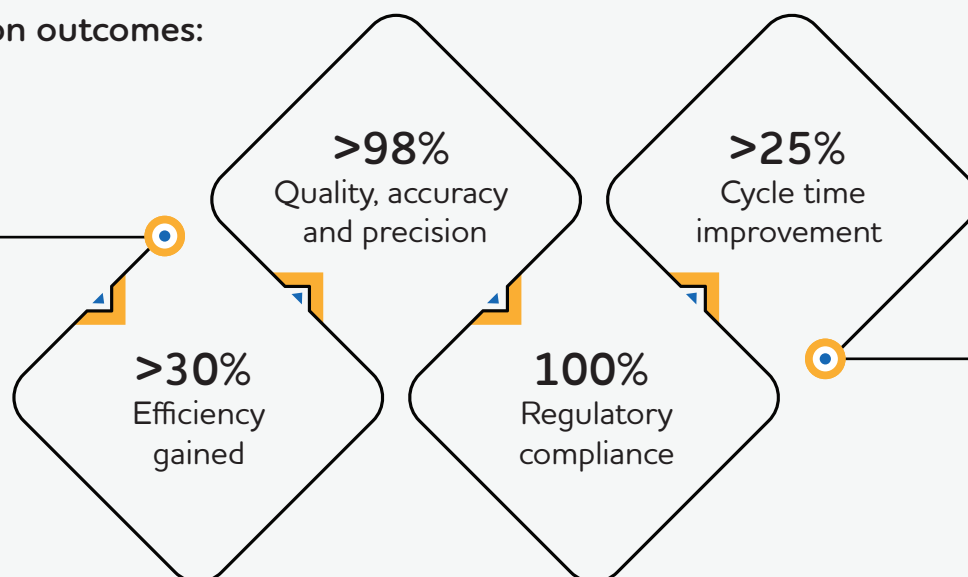


Our Life Sciences automation suite and innovation enablers

State-of-the-art transformation with 100+ automation assets and AI/Gen AI accelerators focused on patient-centric outcomes

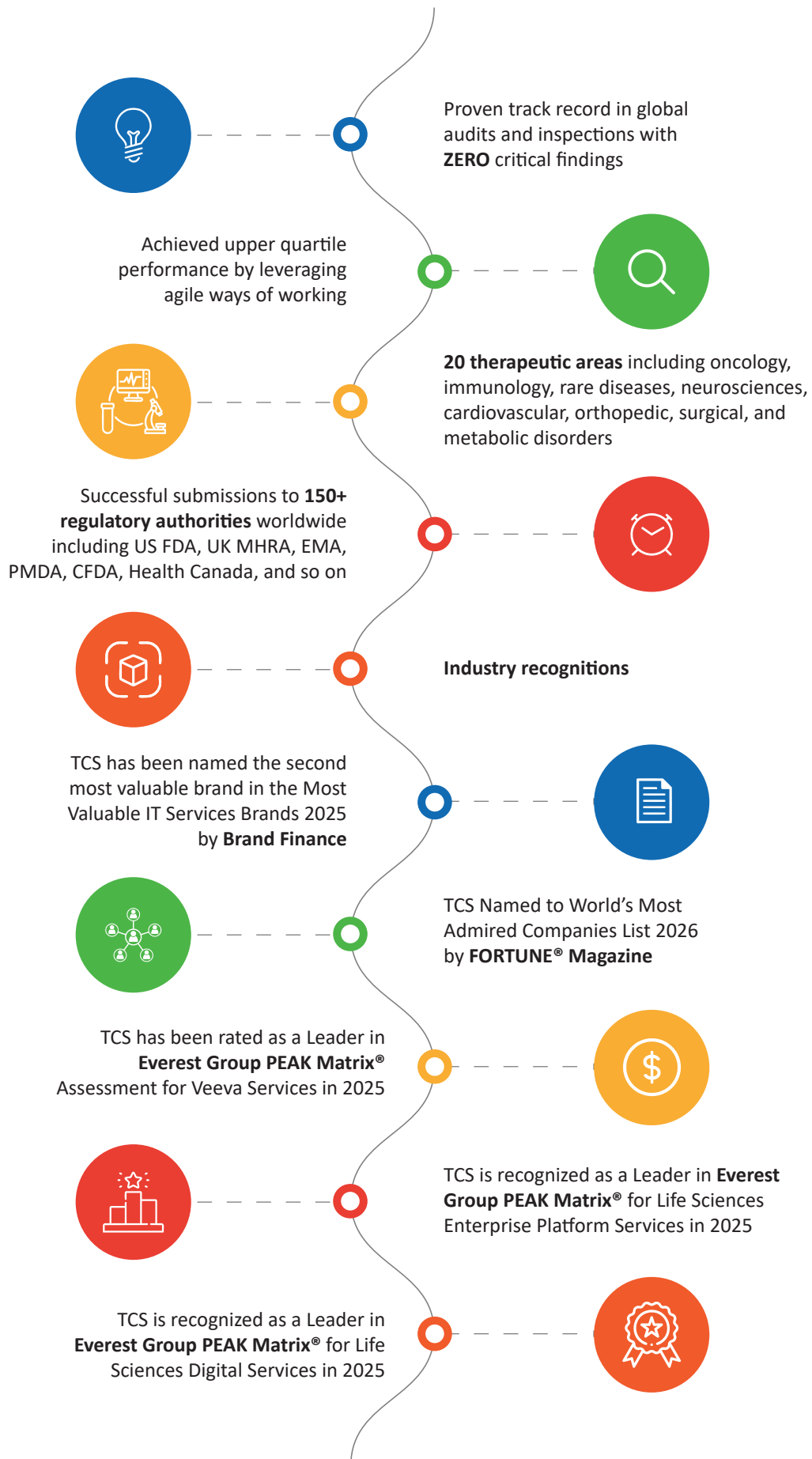
- TCS ADD™ is a suite of AI-powered life sciences platforms. It enables digital ecosystems, simplifies data complexity, and drives innovation in clinical trials to bring drugs to market faster
- We enable light-touch ICSR ensuring template-less case intake, case processing and AI-assisted quality/medical review
- Interactive AI and analytics-driven data science workbench for intelligent insight-driven clinical data science operations
- Our automated systematic literature screening tool helps customers streamline the process
- Re-imagine and transform authoring services for various documents in medical writing, regulatory writing and pharmacovigilance
- In life sciences, we leverage the WisdomNext™ platform to accelerate time-to-value for agentic AI adoption at scale

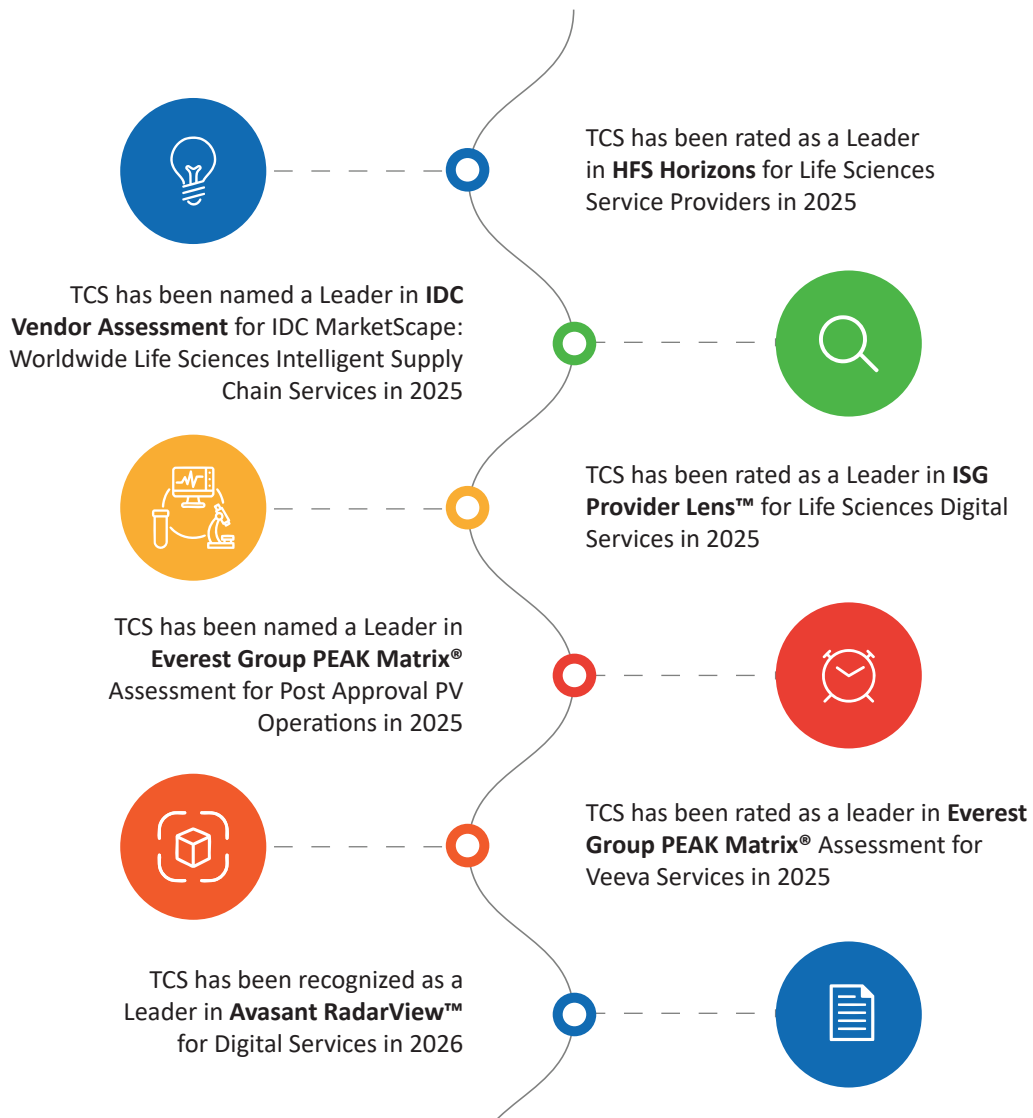
Automation outcomes:



Our differentiators

Quality at the heart of everything we do





About Tata Consultancy Services

Tata Consultancy Services (TCS) is the technology partner of choice for industry-leading organizations worldwide. Since its inception in 1968, TCS has upheld the highest standards of innovation, engineering excellence and customer service.

It has set an aspiration to become the world's largest AI-led technology services company and is enabling its clients to transform themselves across the full AI stack, from infrastructure to intelligence.

Rooted in the heritage of the Tata Group, TCS is focused on creating long term value for its clients, its investors, its employees, and the community at large. With a highly skilled workforce spread across 55 countries and 202 service delivery centers across the world, the company has been recognized as a top employer in six continents. With the ability to rapidly apply and scale new technologies, the company has built long term partnerships with its clients – helping them emerge as perpetually adaptive enterprises. Many of these relationships have endured into decades and navigated every technology cycle, from mainframes in the 1970s to artificial intelligence today.

TCS sponsors 14 of the world's most prestigious marathons and endurance events, including the TCS New York City Marathon, TCS London Marathon and TCS Sydney Marathon with a focus on promoting health, sustainability, and community empowerment.

TCS generated consolidated revenues of over US \$30 billion in the fiscal year ended March 31, 2026.

For more information: Visit www.tcs.com and follow TCS news @TCS.

All content / information present here is the exclusive property of Tata Consultancy Services Limited (TCS). The content / information contained here is correct at the time of publishing. No material from here may be copied, modified, reproduced, republished, uploaded, transmitted, posted or distributed in any form without prior written permission from TCS. Unauthorized use of the content / information appearing here may violate copyright, trademark and other applicable laws, and could result in criminal or civil penalties.