

TCS ADD™



TCS ADD™ Platform

Life Sciences



The life sciences industry is facing multiple complexities with handling data. In a fast-moving technology landscape, the above challenges, coupled with fragmented data sources and operating in diverse scenarios, have led to organizations being unable to realize value from data. This has ultimately impacted study timelines, workload, as well as increased cost to roll out any new drug to the market.

TCS ADD™ is a suite of modern & open platforms that enables digital ecosystems, simplifies data complexity and provides faster access to new and effective medicines & therapies for patients in need. The digital health platform has specialized offerings in four core areas of drug development i.e., clinical, regulatory, safety and medical narratives. TCS ADD™ provides an integrated, cloud-ready, self-service solution that is modular, scalable and flexible, and can be quickly onboarded with minimal setup and training.

Overview

Life sciences organizations are suffering from a deluge of ever-increasing data arising from different sources and mediums. With regulatory and geography-specific requirements continuously evolving, the risk of non-compliance has become more pronounced, resulting in exponentially increasing R&D costs. Besides, due to non-integrated and un-structured data, deriving insights of clinical trials has become challenging. Also, inefficient engagement at a patient and site-level stemming from lengthy, complex and difficult-to-understand information in various standalone systems has led to suboptimal clinical trial execution and delayed the time to market for new, approved drugs to patients that need them the most.

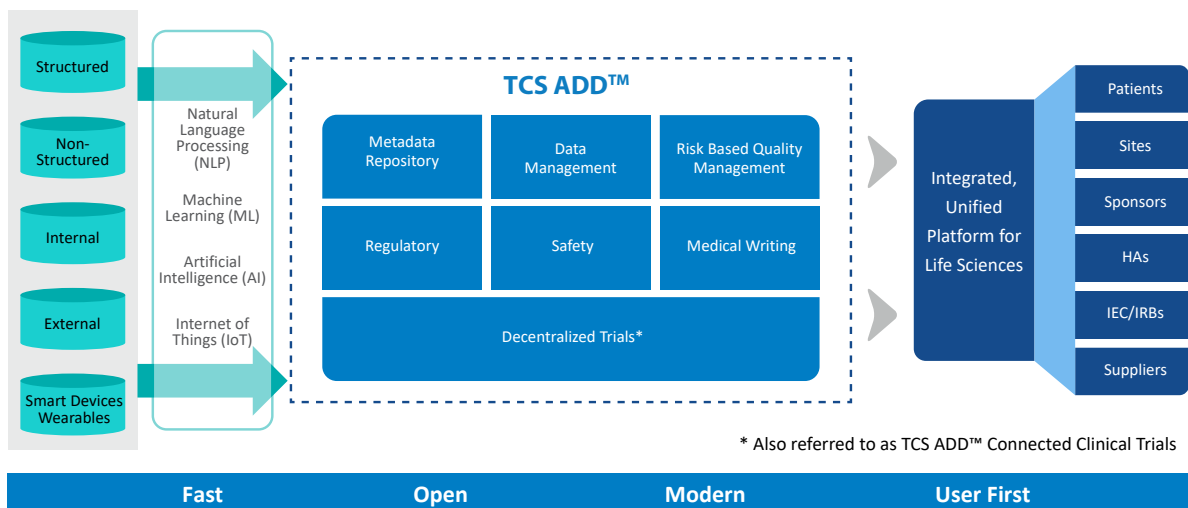
TCS ADD™ platform accelerates the speed-to-market for the life sciences industry across the entire clinical R&D value chain and helps make clinical trials more agile and safe. It embraces and adopts novel digital approaches to streamline data complexity and enables the next level of drug development through its preventive and augmented approach. The platform is powered by our proprietary cognitive intelligence engine data-driven smart analytics, and IoT that provides superior business value to the life sciences industry. The digital health platform leverages the best of cloud architecture and personalized user experience design in compliance with quality guidelines and privacy regulations.



Our Solution

A novel suite of digital platforms to help life sciences organizations handle data effectively, the TCS ADD™ comprises of the following offerings

- **Metadata Repository:** A ready-to-use, interoperable metadata driven AI solution that automates study build, enables robust governance and rapidly transforms and generates submission-ready datasets.
- **Data Management:** Facilitates Integrated EDC features and non-CRF data management, terminology and code management and digital documents.
- **Analytics and Insights:** A data science-driven platform that leverages AI & ML technologies to enable quicker decisions, faster study start-up and targeted interventions
- **Decentralized Trials:** Also referred to as TCS ADD™ Connected Clinical Trials, this platform digitally harmonizes clinical trials processes using modern and embedded technologies for accelerated speed to market
- **Safety:** An industry leading proactive pharmacovigilance platform with agile AI driven technology that enables touchless case processing and supports diverse data source formats
- **Regulatory:** A modern solution that leverages state-of-art technologies to automate regulatory processes and enable faster & in compliance drug registration



TCS ADD™ Platform: Schematic Overview

Benefits

With TCS ADD™, the life sciences industry can realize the following benefits:

- **Increased Efficiency & Reduced Workload**
 - Enhances efficiency and productivity with AI
 - Automation replaces the traditional, manual approach at each step of the clinical trial process
- **Improved Data Quality and Oversight**
 - Eliminates data inconsistencies and errors
 - Equips sponsors with a holistic oversight on handling data from multiple systems and sources
- **Increased Customer Engagements**
 - Provides easy-to-understand and easy-to-access trial information
 - Eliminates cumbersome manual activities for patients and sites
- **Faster Drug Registration Process**
 - Leverages automation to eliminate or shorten time-consuming steps
 - Enables adaptive trial design to reduce time-to-market
- **Quicker Go/No Go Decision Making**
 - Backed by real-time and accurate access to data, the platform eliminates guesswork
 - Enables faster and informed decision-making
- **Meaningful insights and prevention**

Enables preventive research (e.g. via real-time insights, behavioral analytics) and novel insights (e.g. via analysis on huge quantum of data)





The TCS advantage

By partnering with TCS, life sciences organizations can leverage the following differentiators:



Open, Scalable and Tailored Technology: The BPaaS/SaaS TCS ADD™ platform with a modern, open and user-first architecture can be scaled up to any level and be configured based on the language preferences of local enterprise users and regulatory requirements. Capable of being implemented either as a standalone solution or in addition to the existing solutions, the platform offers much higher return on capital investments for life sciences organizations due to being flexible to varying industry needs.



Cross-industry Development: Our solution has been developed as a result of cross-industry collaborations, including input from more than 15 pharma companies, medication & technology suppliers, and patients and sites, via face-to-face workshops & events.



Industry Recognized Solution: TCS ADD™ has been the recipient of multiple awards, including the 2020 Citeline Award, the 2019 European Innovation Award and the 2019 India Pharma Award, among others for accelerating technology innovation for life sciences organizations.



Cross-Industry, Technology, and Domain Expertise: TCS, with its proven expertise in handling private, sensitive, and confidential data in the banking industry, is well-positioned to disrupt the life sciences industry. Our certified subject matter experts are also well equipped to deliver strategic solutions according to customer requirements.



Awards and accolades

- TCS named as the second most valuable brand in the “Most Valuable IT Services Brands 2024” by **Brand Finance**
- TCS Named to World’s Most Admired Companies List 2023 by **FORTUNE® Magazine**
- TCS recognized as a most valuable global brand 2023 by **Kantar Brandz**
- TCS ranked number one for tenth consecutive year in Customer Satisfaction by **Whitelane Research Survey 2023**
- TCS Europe Listed as a 2023 Top Employer by **Top Employers Institute**

TCS ADD™ Awards and Recognition

- TCS ADD™ 7 times winner of **India Pharma Awards**
 - 2024 for “Excellence in Ancillary Pharma Services” awarded to TCS ADD™ Safety and “Excellence in the Use of New Age Technology” awarded to TCS ADD™ Risk Based Quality Management
 - 2023 for “Excellence in Ancillary Pharma Services” and “Excellence in use of Technology” awarded to TCS ADD™ Metadata Repository
 - 2022 for “Excellence in Ancillary Pharma Services” awarded to TCS ADD™ Connected Clinical Trials
 - 2021 for “Excellence in Ancillary Pharma Services” awarded to TCS ADD™ Regulatory
 - 2019 for “Excellence in Ancillary Pharma Services” awarded to TCS ADD™ Metadata Repository Platform
- Won the Global Annual AI Awards for transforming safety case processing to reduce time and increase throughput for TCS ADD™ Safety platform at Awards. **AI Awards 2021**
- Won the “Best Patient Facing Tech Initiative” award for technology excellence in clinical research & drug development for TCS ADD™ Connected Clinical Trials platform at **Citeline Awards 2020**
- Won the “European Innovation Awards” for applying thoughtful approach to solve tough industry problems for TCS ADD™ Connected Clinical Trials platform at **Scope Europe 2019**

About TCS ADD™ Platform

TCS ADD™ is a modern and open drug development platform for life sciences that enables digital ecosystems, simplifies data complexity and provides faster access to new and effective drugs for patients in need. The platform is powered by our proprietary cognitive intelligence engine data driven smart analytics and Internet of Things (IoT) that makes clinical trials more agile and safe. TCS ADD™ leverages the best of cloud architecture and personalized user experience design in compliance with quality guidelines and privacy regulations.

To know more



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About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world’s largest businesses in their transformation journeys for over 56 years. Its consulting-led, cognitive powered, portfolio of business, technology and engineering services and solutions is delivered through its unique Location Independent Agile™ delivery model, recognized as a benchmark of excellence in software development.

A part of the Tata group, India’s largest multinational business group, TCS has over 601,000 of the world’s best-trained consultants in 55 countries. The company generated consolidated revenues of US \$29 billion in the fiscal year ended March 31, 2024, and is listed on the BSE and the NSE in India. TCS’ proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the MSCI Global Sustainability Index and the FTSE4Good Emerging Index.

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