

# Enabling Digital Labs through Informatics, Automation and Analytics

Patient-centric lab solutions to power data-driven business decisions and optimized cost efficiencies

Digital lab transformation is crucial for driving innovations that help clients stay competitive in a GxP environment. Historically, lab environments have been manual or semi-automated, with disparate systems impacting data integrity, system integration advantages and compliance. Connected labs and data interoperability strategies are essential to ensure an accelerated product launch that continuously improves patient health and safety and promotes a sustainable approach.

At Cognizant, we partner with our clients to transform R&D and manufacturing QA/QC labs through cloud-enabled lab solutions, leading to data-driven, intelligent, proactive and future-focused business decisions. Our lab solutions result in higher productivity, efficiency and cost savings, and are built to optimize lab processes, ensure enhanced quality control and drive continuous innovation. We create digital labs of the future, building competitive advantage for our clients while increasing human talent capitalization and overall job satisfaction.



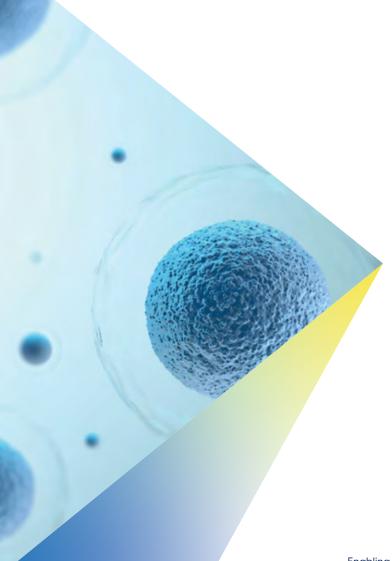
# Optimize lab processes, boost productivity and drive innovation

Cognizant is a global lab informatics service provider with over a decade's experience, supported by over 700 lab experts. We enable our clients to stay competitive by building cloud-enabled digital labs with connected ecosystems that seamlessly integrate physical components and application layers within the GxP environment.

We deliver consulting and implementation services; support the integration of instruments and lab systems; and deliver lab site/benchtop services across the end-to-end value chain of lab informatics, ensuring GxP/GMP compliance.







## Our Lab Offering

## Define a digital lab roadmap

Our best-in-class lab informatics consultants confidently guide clients on their digital lab transformation journeys. We partner with our clients and support them with lab system vendor selection, lab blueprinting and digital roadmap definitions.

### Build a resilient lab

Collaborate with our transformational services group to modernize your labs through design thinking and user-centric solutions for a resilient reference architecture.

## Realize your global vision

Collaborate with premier lab informatics professionals to deploy global lab blueprints. Experience comprehensive support in integration, system upgrades, master data management, testing, validation and maintenance. Enhance lab efficiency and scale with our all-inclusive services, tailored to meet your evolving needs.

# **Technology Expertise:**

QC Application Stack	Partnerships and Collaboration
LIMS, LES/ ELN, SDMS, CDS, Lab Scheduling	Xybion, Tetrascience, Binocs, Elemental Machines and Scitara Data Cloud Platforms

# **Key statistics**

700+ 250+ 115+ 50+

resources in the Lab Centre of Excellence

LIMS and CDS consultants

certified professionals lab information projects completed

clients globally

## Why Cognizant?

Cognizant's Life Sciences Manufacturing group provides end-to-end digital transformation solutions to the life sciences industry that keep systems running, improve supply chain efficiencies, and support clients' Manufacturing 4.0 initiatives. We specialize in delivering solutions and services across batch automation, data infrastructure and intelligence, MES, lab digital automation, lab data analytics, lab site services, lab and manufacturing instrument integration with lab systems, CSV and digital technologies to manage, control and optimize quality and manufacturing. Our team has deep life sciences expertise, and we work closely with our clients to achieve a shared vision of advancing science and improving patient outcomes.

Cognizant's global network comprises more than 30,000 skilled life sciences professionals who work across global delivery centers in 37 countries to deliver and support our clients' digital transformation initiatives.

Through lab automation, MES, cloud, data and digital technology solutions, we support our clients from project conception through to completion, across the entire manufacturing lifecycle. Our suite of solutions enable better connected IT and OT systems and more informed, data-driven decision making—all while adhering to Good Manufacturing Practices (GMP).

To find out how Cognizant can help life sciences manufacturing organizations move into the digital age, **contact us today.** 





Cognizant (Nasdaq-100: CTSH) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at www.cognizant.com or @Cognizant.

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