



Cognizant

Smart factory solutions for Life Sciences, through IT/OT end-to-end delivery & support

Delivering Excellence in Automation, MES and
Digital Manufacturing Direct to the Life Sciences Industry

Powering
Patient Health

www.zenithtechnologies.com

Smart Factory Solutions - from conception through to completion across the entire manufacturing life cycle



Our Delivery

- + GMP Manufacturing systems expertise across Automation, MES & Digital
- + Managing, controlling and optimising Pharma & Biotech production
- + Creating robust systems with maximum operational efficiency and compliance
- + Unlocking the true value of your data

Together with our clients we deliver life changing medicines and medical devices for the patients who need them most

The Outcome

- + Enable Manufacturing Excellence
- + Maintain GMP, Regulatory Compliance & Security
- + Create Smart Factories of the Future
- + Improve Patient Outcomes

Introduction

The industry is embracing digital transformation at an accelerated rate, driven by the need for flexible and efficient manufacturing facilities that can bring new treatments to market faster, and support a more agile, remote workforce.

With production systems and processes becoming more complex, interconnected and robust, “smart factories” have become a strategic priority.

Tighter integration of manufacturing processes and systems, harnessing data analytics across the manufacturing value chain, and the adoption of IoT technologies combined with secure and robust systems, will enable Life Sciences to achieve Manufacturing 4.0, maintain compliance and stay relevant as the market evolves.

Industry Trends

- + Digital Transformation
- + Flexible Manufacturing
- + Operational Resilience
- + Continuous Production
- + Data Driven Decisions
- + Remote Workforce

Smart Factory Solutions

Cognizant and Zenith Technologies provide scalable, IT/ OT, end-to-end, smart factory solutions, from conception through completion, across the entire manufacturing lifecycle.

We are GMP Manufacturing systems experts, specializing in delivery and support of automation, MES and digital technologies to manage, control and optimize pharma & biotech production. We create robust systems with maximum operational efficiency and regulatory compliance.

Together with our clients, we deliver life-changing medicines and medical devices for the patients who need them most.

Our partnering methodology across single or multi-sites is provided via our outcome based ‘Managed Service’ concept and has delivered real tangible benefits.

Client Focused

We partner with the world’s leading Life Sciences companies to enable the convergence of IT and OT, adopt digital technologies, build smarter products, create agile manufacturing systems, and reduce time-to-market.

We are committed to developing and on-boarding the best talent in the industry to help our clients efficiently launch new drugs into production and get products to market quickly and safely.

We ensure client success with on-the-ground expertise and global delivery centers, that deliver the highest levels of service. Our industry and domain expertise, combined with process knowledge and technology engineering experience, makes us uniquely qualified to deliver and manage strategic solutions at every phase of the Manufacturing 4.0 journey.

End-to-End GMP Capabilities

We help Life Sciences manufacturers get their products to market in a safe, reliable, timely and cost-effective manner, from R&D through to decommissioning.

We support the complete project life cycle: from conceptualization to design, implementation, completion and ongoing management of IT and OT systems.

Our end-to-end, outcomes-based managed services is unique across the industry. Delivered across single or multi-sites, these services maintain and optimize manufacturing systems with proven KPI’s that track effectiveness and deliver tangible results.

Robust Systems & Cyber Security

We bring deep understanding and proven expertise in implementing and supporting robust and secure systems that are compliant within a GMP environment. Our global network of engineers and subject matter experts deliver assured, robust GMP manufacturing reliability and integrity, resulting in resilient, cyber-secure systems.

Practical Approach to 4.0

We make Manufacturing 4.0 applicable across the complete project life cycle, with practical approaches specific to the Pharma, Biotech and Medical Device industries.

We build data and IoT connectivity strategies at the basis of design, to unlock the true value of data and create actionable insights that drive intelligent decisions from project completion and beyond.

Systems are better connected with understandings across all layers of applications and network to enable a smart factory.

Your Global Life Sciences Partner Powering Patient Health



Cognizant

To learn more, visit

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