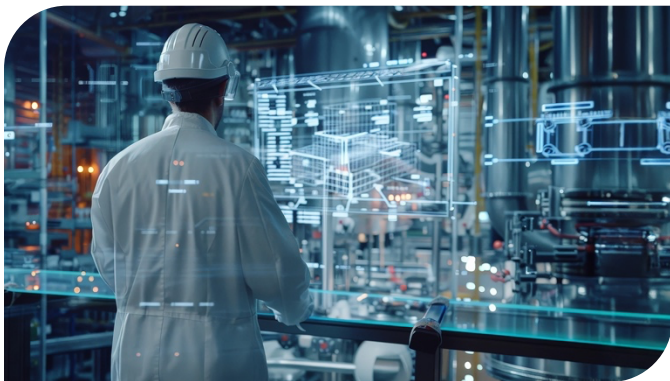


Outsourcing MES Operations:

Focus on Core Competencies for Manufacturing Excellence



THE CHALLENGE

Managing the daily operation, maintenance, and support of Manufacturing Execution Systems (MES) is becoming increasingly complex for biotech and medical device manufacturers. These systems are critical for ensuring compliance with stringent industry regulations such as FDA 21 CFR Part 11 and ISO 13485, while also supporting seamless manufacturing processes. However, dedicating internal resources to maintain and optimize MES can be burdensome, diverting focus from core competencies like product innovation, research, and strategic growth. Furthermore, system management requires specialized skills to keep MES compliant, up-to-date, and aligned with evolving regulatory demands.

THE OPPORTUNITY

Outsourcing MES operations offers manufacturers a strategic solution to offload system management to external experts while ensuring system compliance and operational efficiency. Partnering with specialized service providers allows companies to leverage scalable support, ensuring uptime, data integrity, and cybersecurity are managed through service-level agreements (SLAs). This enables internal teams to focus on high-value activities like R&D and innovation without the distraction of MES complexities. Outsourcing also provides access to the latest technological advancements and industry best practices, ensuring continuous improvement in system performance and operational agility.

OUR SOLUTION

Connected Manufacturing™ offers comprehensive MES outsourcing services tailored to the unique needs of biotech and medical device manufacturers. As a Siemens Expert Partner, Connected Manufacturing™ provides expert-level management of Siemens Opcenter MES systems, ensuring they remain optimized and compliant with industry standards. Our services include proactive system monitoring, real-time support, and full lifecycle management of MES operations. With our flexible support models, we help clients scale operations seamlessly while minimizing the risks of downtime and cybersecurity breaches. Connected Manufacturing™ outsourcing services enable businesses to focus on their core mission of driving product innovation and operational excellence.

Why Choose Connected Manufacturing™ Technology?



Smarter:

Our team comes from the Medical Device, Pharma, Biologics, Electronics, and Semiconductor manufacturing industries. This means you get seasoned expertise from experts who know your industry. This translates into a deep understanding of your requirements, which results in a fundamentally better solution. You get a solution that your team will want to use, and they will work more effectively from the start.



Faster:

Connected Manufacturing™ has been focused on the manufacturing and tracing of products of all kinds from our



inception, with a laser focus on regulated industries. We know what challenges you will face and how to avoid them. This means real-time responses to issues and the right resource type does the right activities to always keep on the fastest path.



Better Results:

Ultimately, you either have or are choosing to deploy a Siemens MES solution because you want the best available for Manufacturing Execution System and for the traceability of your products in your supply chain. Connected Manufacturing™ offers both a best-of-breed system management solution and application-building technologies such as Siemens Mendix to extend functionality required for your unique business processes.



MORE INFORMATION

For over three decades, Connected Manufacturing™ has been helping manufacturers across multiple industries to transform design and production processes, accelerate time-to-market, and ensure traceability across supply chains. Our expertise in Manufacturing Execution Systems (MES), Product Lifecycle Management (PLM), Industrial Internet of Things (IIoT) and advanced AI-driven analytics empowers you to overcome complex challenges to achieve true design for manufacturability and a closed-loop production process. Ready to take your manufacturing operations to the next level? Contact us today.

www.connectedmaufacturing.com/contactus

About Connected Manufacturing™

At Connected Manufacturing™, we enable manufacturers to thrive in digital world, a requirement today for exceptional results. We specialize in deploying and optimizing advanced Siemens solutions like Opcenter MES, Teamcenter PLM, Insights Hub IoT, as well as offering the latest Industrial AI-driven analytics. We integrate your design and innovation with your execution processes through digital threads to help you continuously optimize your operations. We do so by fusing together the solutions into a seamless experience that your teams want to use and need to be successful. From medical devices and pharmaceuticals to semiconductors and electronics, our solutions deliver real-time insights to tune your output and actionable intelligence to drive smarter decisions and deliver real operational excellence. To learn more, visit

www.connectedmaufacturing.com

