

Cisco Digital Manufacturing Services



Benefits

- **Complete your network design** and deployment correctly the first time by working with Cisco network experts and employing tested, proven architectures
- **Address cybersecurity challenges** by creating a holistic approach to reduce risks and vulnerabilities, support remote access, and deploy worldwide
- **Reduce unplanned downtime** by leveraging reference architectures, best practices, and consistent models
- **Enable analytics** for condition monitoring and remote visibility, so you can anticipate issues before they occur
- **Segment** your OT and IT networks for greater protection
- **Create industrial wireless designs** with security built in to help ensure that all of your wireless use cases are supported
- **Speed commissioning** with senior project managers and proven processes that reduce delays, rework, and problems, and use Cisco experts to bring together your operations and IT groups to help ensure success
- **Mitigate risk and drive success** by unlocking the most value from your investment in secure digital manufacturing

Achieve Your Digital Manufacturing Goals

Digital transformation is dramatically changing the manufacturing market. Manufacturers in every industry are turning to new technologies and innovative business models to address security, reduce downtime, increase overall equipment effectiveness (OEE), and get new products to market faster.

But transforming a complex manufacturing environment isn't easy. Achieving digital transformation is a journey. You need to define and understand the outcomes you're trying to achieve, and be sure your technology will support your business imperatives. You need a robust network design that will align your OT and IT operations and deliver the performance you require. When it's time to deploy your network, you'll need to integrate your secure factory solutions, quickly and accurately. And once your environment is up and running, you'll need to continue to manage and support your solution, while scaling for tomorrow's needs.

Cisco® Digital Manufacturing Services can help you speed your transformation to digital while reducing risk. Our complete portfolio of services spans the lifecycle of your manufacturing network, and every level of your solution, from your infrastructure to your compute environment and applications. Cisco can help you securely connect your factory, locate assets and employees in real time, proactively maintain equipment, and increase machine and process productivity, quality, and flexibility. Our network experts work closely with your operations and IT teams to coordinate priorities, overcome organizational inertia, and prepare employees and management for change.

If you're just getting started, we can help you develop a long-term strategy and create a detailed roadmap to your next-generation factory. If your digital transformation journey is already underway, we can help you solve your short-term issues and work with you to continue to optimize and innovate into the future.

Spanning the Entire Lifecycle of Your Manufacturing Environment

Transforming the manufacturing environment is a journey, and every phase has distinct needs. Cisco can partner with you at any point in the process, to help you unlock the full potential of digital manufacturing. Our Secure Ops managed services help you mitigate cybersecurity risk and meet compliance requirements every step of the way.

Assess your environment: Cisco provides expert guidance on technology and secure manufacturing processes. We can assess your priorities and gaps, consider whether your team has the right skills, and help you invest for the best results and ROI.

Plan the network: Our senior architects work closely with your operations and IT teams to help bring down network barriers and silos while aligning your OT objectives with IT policies and capabilities. We collaborate with you to define a digital strategy and prioritized use cases, and develop custom solutions based on our tested, validated architectures.

Design the network: Cisco assists with network engineering and planning, aligning the network design with your business goals. We help ensure that your wireless infrastructure will meet your needs with path and site engineering studies, as well as transmission/RF studies and recommendations. Cisco also provides documentation to help your IT teams support the solution.

Deploy the solution: We apply our extensive experience, proven methodologies, and best practices to speed deployment and mitigate deployment risk. We can offer site services, validation and testing, and installation services through our extensive set of highly experienced and capable partners. Cisco can also assist with system integration and program management.

Care for the solution: Once deployed, Cisco can keep your solution running at its best and reduce operational risks. We can help proactively support and optimize solutions to avoid and respond to critical issues. Lifecycle management, managed services, training and certification, maintenance, and warranty protection help you get the most from your technology investment.

Start securing your shop floor network and realize the ROI from digital manufacturing today.

Review your security concerns, analytics needs, and infrastructure plans with Cisco industrial manufacturing experts. Get the help you need with Cisco Digital Manufacturing. For additional information, visit www.cisco.com/c/en/us/solutions/industries/manufacturing.html

Unleash the full potential of your digital manufacturing investment.

For further information, contact: manufacturing.services@cisco.com