Take the simple path to

smart manufacturing

Leading producers, who have embraced "smart manufacturing" by extending their IT network to the production floor, realize significant benefits such as lower costs, increased productivity, faster time to market, improved uptime and more accurate forecasting. Obtaining these competitive advantages, however, may require investments in network connectivity, infrastructure, cybersecurity and other solutions.



barrier to digital transformation at their companies.¹

Manufacturers say a lack of a clear path forward is a top

Here's a roadmap to help your business simplify the journey to smart manufacturing.



Like hiring a knowledgeable tour guide to take you farther, faster and with less risk upon your adventure, working with an experienced and trusted technology partner is the best way to simplify your digital transformation journey. The right partner works alongside you to define your exact business needs and tailors networking solutions to meet them.

> of manufacturers are working with specialized technology

companies to further their smart



manufacturing initiatives.²

Identify what you want to

accomplish on your journey



When mountain climbing, knowing what you want to achieve will help you reach the summit. Likewise, clearly defined goals for integrating your digital network with your physical operations can foster the right technology adoption from the beginning.

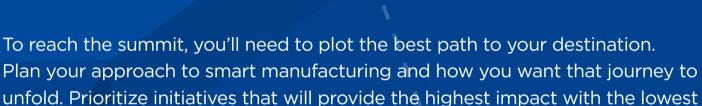


of manufacturers said that reduced costs are digital



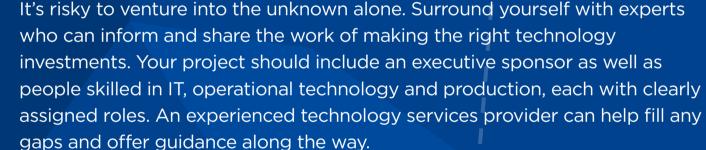


Plot your path



capabilities of your network over the long term. **Gather an** experienced group

risk. Identify the key business drivers — and challenges — that will inform the





Make sure you have the right gear

Take stock of what you have and what you will need to successfully reach

the ability to integrate your digital infrastructure with the industrial Internet

of Things (IIoT) and the capability to easily adopt emerging technologies.

your goals. On the path to smart manufacturing, this includes things like

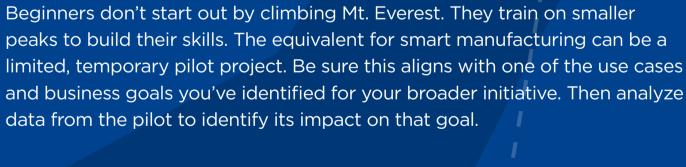


of manufacturing leaders say digital solutions enhance

supply network.4

visibility throughout the





and business goals you've identified for your broader initiative. Then analyze data from the pilot to identify its impact on that goal.

Expect the unexpected



When you're out in nature, you need to be aware of threats in your surroundings. Manufacturers also face threats related to expanding cloud adoption, a mobile workforce and the rapid growth of IIoT. An experienced service provider can bring a multi-layered approach to these complex security challenges.

of ransomware attacks tracked in one



study impacted the manufacturing sector in Q2, 2023.5



for your business. Reach your destination with the right planning and an expert technology partner to guide you along your way.

Learn more

- 1. Evelyn DuJack, "<u>Digital Transformation in Manufacturing: Trends and Challenges</u>," L2L, October 23, 2023. John Edwards, "How Smart Factories Will Revolutionize Manufacturing," Information Week, November 28, 2023. 3. Evelyn DuJack, "Digital Transformation in Manufacturing: Trends and Challenges," L2L, October 23, 2023.
- 4. Paul Wellener, Kate Hardin, Stephen Gold, Stephen Laaper and Aaron Parrott, "Meeting the Challenge of Supply Chain Disruption," Deloitte Insights,

5. Abdulrahman H. Alamri, "Dragos Industrial Ransomware Attack Analysis: Q2 2023," Dragos, July 31, 2023. About Spectrum Enterprise*

largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes networking and managed service achieve greater business success by providing solutions designed to meet their evolving needs. For more information, visit enterprise.spectrum.com.