

The network behind what's next

Lumen® Networking Solutions for manufacturing companies

As the pace of business accelerates, the demands on network connectivity grow more complex. In the manufacturing industry, outdated technologies and disjointed networks not only increase costs and inefficiencies but also create barriers to scaling operations and adopting digital transformative innovations like AI, machine learning, or advanced cloud applications. Lumen advanced connectivity solutions address these challenges head-on, delivering the performance, reliability, and security needed to support growth, agility, and innovation.

At Lumen, we understand that no two manufacturing organizations are the same. Our approach blends standalone networking solutions like Dedicated Internet Access (DIA), SD-WAN, and IP VPN with additional security and cloud-based communication capabilities that align to your unique needs. This flexible model enables manufacturers to unify connectivity, enhance security, and streamline operations for greater efficiency and resilience. With Lumen, you gain the tools to transform your network into a strategic advantage, ready to adapt to new challenges and drive long-term success.



"We can easily manage multiple circuits and services across different distribution centers with one vendor. Rather than managing accounts and services, we can focus on other things, like improving the network and business growth."

- **Ted Dayno**
Senior Network Engineer, Alphabroder

Current Lumen customer compensated for their endorsement.

How can Lumen integrated solutions help your manufacturing business thrive?

- Optimize resources with streamlined connectivity and management, to help reduce complexity and free IT teams to focus on innovation rather than maintaining fragmented systems. This can lead to significant operational cost savings and better resource allocation, especially in managing production lines and supply chains.
- Build a resilient, adaptable network, combining advanced security with high-performance connectivity to help ensure seamless access to critical applications and data. This is crucial for maintaining continuous production and protecting sensitive manufacturing data.
- Enhance customer and employee experiences through reliable and scalable solutions, enabling better collaboration, fast response times, and the ability to deliver high-quality services even as business demands evolve. For manufacturers, this helps improve coordination across multiple sites for fast response to production issues.

Common use cases

- Efficiently manage production lines and supply chain by adjusting your network's bandwidth to meet business demands. This flexibility helps reduce costs through optimized connectivity and smooth management.
- Amplify Smart Manufacturing with a scalable infrastructure that enhances AI-driven predictive maintenance, autonomous production lines, and IIoT, while providing robust cybersecurity, resilience, and operational efficiency.
- Boost operational efficiency and performance by leveraging high-speed, reliable connectivity to help improve coordination across multiple sites and gain quick responses to production issues.
- Integrate voice, messaging, and collaboration tools into a unified platform, maintaining consistent and reliable performance to support seamless communication across teams.
- Keep critical systems operational during emergencies with secure, cost-effective connectivity and reliable internet access for safety and business continuity tools. Provide scalable bandwidth that aligns with business demands, to help reduce operational costs through enhanced efficiency and automation.

Lumen Networking Portfolio

Dedicated Internet Access

Scale your manufacturing business to reach global customers and vendors virtually anywhere with Lumen® Dedicated Internet Access (DIA). Powered by our deeply peered network, DIA delivers high-speed connectivity and resilience with built-in security to help you expand your reach, increase user capacity and enhance digital services with confidence.

IP Virtual Private Network

Business data is in constant motion from data centers, cloud and apps to customers, employees and the devices that rely on it. Lumen® IP VPN keeps data moving across a private, high-performance global network with centralized visibility, intuitive self-service control and automated features.

Wavelengths

Enable fast, secure connectivity to help support your latency-sensitive, data-intensive applications with Lumen® Wavelength Solutions. Design, build and run powerful low-latency networking solutions, up to 400 Gbps, that evolve alongside your business.

Ethernet

Get cost-effective, next-gen Ethernet services that give you the ability to dynamically increase network bandwidth up to 30Gbps in real time. Benefit from broad network visibility via E-Line, E-LAN, and E-Access configurations.

Lumen Integrated solutions

Solutions that align to your business needs

Lumen's integrated solutions empower your business growth by offering secure, high-performance connectivity and seamless collaboration tailored to your organizational needs, helping ensure scalable, efficient operations and proactive threat protection across multiple environments.

DIA + DDoS

Secure high-speed internet combined with DDoS protection to safeguard critical applications from evolving cyber threats.

DIA + SASE

Reliable internet paired with advanced security to meet the demands of hybrid workforces and scalable network environments.

DIA + SASE + EWAS

Flexible connectivity with wireless backup for added resilience, to help ensure continuous application protection.

IP VPN w/ MSP + SASE

Secure, encrypted connections for multi-site and remote teams, with prioritized traffic for critical applications.

DIA + Lumen Cloud Connect

Seamless integration of high-speed internet and collaboration tools to enhance communication and connectivity across locations.

Why Lumen?

With a comprehensive portfolio, Lumen can help your business deliver high-quality connectivity, minimize costs and complexity, and enhance your security posture. Rely on the extensive and deeply peered Lumen global network, Black Lotus Labs' threat intelligence, and our team of experts to help deploy and manage the solution.

866-352-0291 | lumen.com | info@lumen.com