

# Technology Solutions for Manufacturing & Industrial Facilities

Precision Connectivity for Industrial Performance.

ComNet Communications delivers resilient infrastructure for smart manufacturing, automation, and secure data exchange. Our end-to-end solutions—from cabling and wireless to AV, security, and data centers—support real-time monitoring, optimized workflows, and system uptime across single and multi-site operations.



## Why Choose ComNet

- Nationwide service with rapid deployment capabilities.
- Expertise in manufacturing-specific network requirements and industrial compliance.
- Scalable solutions to support digital transformation and Industry 4.0.
- Dedicated project management ensuring seamless execution and minimal downtime.

## Systems & Solutions

### Structured Cabling & Fiber Optic Networks

- High-speed structured cabling to support industrial IoT, robotics, and automated production lines.
- Single-mode & multimode fiber optic solutions for fast and secure data transmission across plants.

### Industrial Wireless & IoT Connectivity

- Reliable Wi-Fi, Commercial Cellular, and Private 5G networks to enable real-time monitoring and smart factory solutions.
- Public Safety Radio Systems for First Responders.
- IoT-enabled infrastructure for predictive maintenance, inventory tracking, and process optimization.

### Data Centers & Cloud Integration

- Scalable data center solutions to support manufacturing analytics, AI-driven automation, and cloud-based ERP systems.
- Redundant network designs ensuring uptime and operational continuity.

### Security & Access Control Systems

- 24/7 video surveillance and access control for production floors, warehouses, and R&D facilities.
- Secure network segmentation to protect proprietary manufacturing data and trade secrets.

### Industrial AV & Communication Solutions

- Digital signage for production updates, safety alerts, and employee communication.
- PA systems and VoIP solutions for seamless facility-wide communication.

### SCADA & Smart Factory Infrastructure

- Secure networking for SCADA (Supervisory Control and Data Acquisition) systems.
- High-speed connectivity for real-time machine-to-machine communication and automation control.