IIoT for Manufacturing

Manufacturing productivity is dependent upon seamless data communication and automation systems in order to support the convergence of your mission-critical signal transmissions. Industrial Internet of Things (IIoT), also known as Industrial Ethernet networking, is advancing techology throughout the plant to the enterprise. There is a strong desire among manufacturers to drive IoT value by connecting not only equipment but also people, devices and the supply chain as well.

Vision Technologies is ready to support your IP-converged applications. As technology has evolved over time, so have our service lines. Vision, a systems integrator with global experience, delivers converged IT services and solutions. Our team of industry-certified engineers, program managers and technicians provide world-class solutions backed by a lifetime guarantee.

Trends of IIoT
- Increased Quantity of Smart Edge Devices
- Sensor to the Cloud
- Conversion to Ethernet Protocols

Challenges of IIoT
- Complex Physical Layers
- Isolated Proprietary Protocols
- Limitation on Data Bandwidth

Benefits of IIoT
- Increased Quantity of Smart Edge Devices
- Sensor to the Cloud
- Conversion to Ethernet Protocols
- Lower Cost of Ownership
- Streamlined Manufacturing Processes

CAPABILITIES
- National Delivery
- Design Build
- Fiber-Deep Network Infrastructure
- Industrial LAN & WLAN
- WiFi / DAS
- IIoT Cybersecurity
- Managed Services Center

Deploying Technology Solutions to all 50 States

VISION TECHNOLOGIES
MAKING VISION REALITY

CONTACT US TODAY FOR DESIGN, BUILD, INSTALLATION, AND SUPPORT SERVICES:
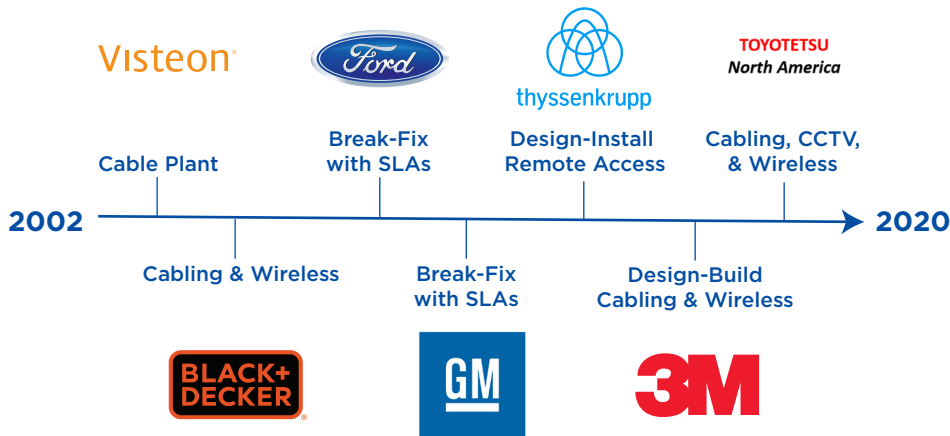
visiontechnologies.com

866.746.1122

Delivering IIoT Success

Vision has a long and vast history of supporting infrastructure requirements in manufacturing — dating all the way to 2002, and our work installing telecom cabling at Visteon manufacturing facilities. Our services and list of industrial customers expanded steadily over the years, and includes Fortune 100 companies such as 3M, and newer clients such as Toyotetsu.

TOYOTETSU North America

	Cable Plant	Break-Fix with SLAs	Design-Install Remote Access	Cabling, CCTV, & Wireless

2002 ──────────────────► **2020**

Cabling & Wireless — Break-Fix with SLAs — Design-Build Cabling & Wireless

What Vision Can Do For You

▶ Design & install backbone & shielded, extended-reach horizontal cable plant to operator workstations, wireless access points, plant machinery, & the surrounding office space.

▶ Design, fabricate, & install compact telecom cabinets that can be deployed in industrial floor space.

▶ Design & install wireless systems for industrial & warehouse workers for freedom of movement, but reliable, high-speed access to IT & OT systems.

▶ Protect critical industrial assets by deploying access control, RFID & surveillance systems that ensure only authorized personnel can enter the facility.

▶ Enhance facility COVID-19 protection through devices that perform facial recognition, mask recognition, & thermal scanning.

Vision understands the importance of capturing, analyzing, and utilizing critical IIoT data to improve decision making, efficiency, and productivity.

The Infrastructure Experience

IIoT infrastructure solutions built for the customer experience.

Integrated Technology Delivery

Enhance your project's ROI while delivering it faster!

Managed Services Center

Choose from our flexible suite of 24/7 support, maintenance & monitoring services.

Certified Engineers

CERTIFICATIONS

▶ Tier 1 Network Providers
▶ Tier 1 Connectivity Manufacturers

Bicsi® RCDD

GSA Contract Holder

GSA Connections II Contract # GS00Q12NSD0011
GSA Schedule 70 Contract # GS-35F-0581R
GSA Schedule 84 Contract # GS-07F-161DA
VA DCJS #11-5523
A Service-Disabled Veteran Owned Business

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