



EION Solution Highlights

- Inexpensive, flexible installation
- Turn-key wireless solution
- Proven track record
- Rugged, reliable equipment

Introduction

Manufacturing companies are continually seeking ways to lower costs and boost productivity. Significant efficiencies are possible by sharing critical information with employees, suppliers and customers.

Putting information at the fingertips of those who need it can be a difficult and expensive task, especially when employees, suppliers and customers are scattered among several different locations. A fast, secure and reliable network is essential.

Go wireless with EION and realize the full benefits of broadband wireless networks.

Manufacturing companies can use wireless networks to share product specifications, operations data, desktop applications and other information quickly and efficiently across two or more separate locations, such as warehouses, offices, and manufacturing facilities. Wireless building-to-building networks are also ideal for connecting with supplier and customer locations, such as parts depots, retail outlets, and service centers.

Manufacturing companies can also use wireless networks to connect facilities within a large outdoor operations site, such as a factory or assembly facility.

FLEXIBLE, INEXPENSIVE INSTALLATION

With broadband wireless connectivity, networks can be quickly, easily and inexpensively modified to meeting change requirements. In addition, broadband wireless networks offer the

flexibility to painlessly add or eliminate sites, or secure additional bandwidth.

PROVEN TRACK RECORD

With its portfolio of unlicensed-band wireless and WiMAX equipment, EION has helped manufacturing companies in several countries to realize the full benefits of wireless networks. EION wireless equipment is at the heart of award-winning network deployments across the globe.

SOLID SECURITY SOLUTIONS

EION's wireless equipment features enhanced security to prevent eaves-dropping, thanks to built-in data scrambling that "disguises" data when traveling across the wireless network. The EION product family uses proprietary technology for even higher levels of security. EION has added many features that make it virtually impossible to intercept and decipher transmissions from its advanced wireless Ethernet bridges, including irregular transmission patterns and proprietary data formatting.

FAST, RELIABLE BANDWIDTH

EION family of point-to-point and point-to-multipoint bridges are ideal for manufacturing companies because they are fast and reliable and provide the most bandwidth for the investment. Proprietary EION technology minimizes interference and ensures constant service over distance through increased data rates and enhanced reliability.

Sample Manufacturing Application

COMPANY TYPE:

Manufacturer of pipe and valve equipment used by natural gas distribution companies

APPLICATION:

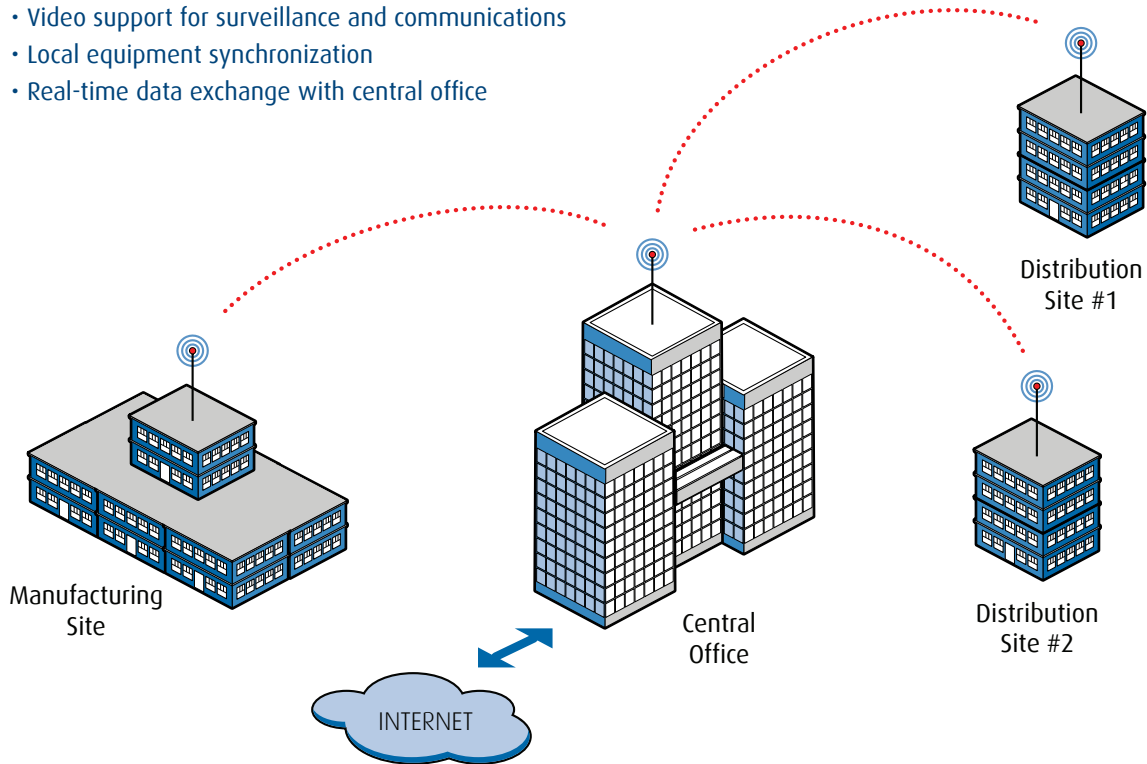
The company needed to share inventory management and production accounting files between their central office, manufacturing facility and distribution warehouse. Using EION advanced wireless Ethernet bridges, the manufacturing company set up a cost effective, high-speed broadband wireless point-to-multipoint network within a 20 kilometer (12 miles) radius to connect the central office to the manufacturing and distribution locations.

BENEFITS REALIZED BY GOING BROADBAND WIRELESS:

- Site-to-site links were deployed quickly because there was no need for time consuming and expensive wireline installations or telephone company service delays.
- Company saved enough in telephone company month line fees and installation charges to promptly payback entire network setup costs.
- Files can be downloaded quicker because the wireless links provided more bandwidth than the wire line circuits.
- Production efficiencies improved due to being able to share large production accounting files easily.

EION'S SOLUTIONS FOR MANUFACTURING SUPPORT MANY DIFFERENT APPLICATIONS, INCLUDING:

- Voice communication (VoIP)
- Video support for surveillance and communications
- Local equipment synchronization
- Real-time data exchange with central office



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EION Wireless, a division of EION Inc., is a global provider of Broadband Wireless products that enable effective, economic and secure wireless high-speed communications solutions. As a Principal Member of the WiMAX Forum with several thousand broadband wireless installations, EION Wireless is committed to providing standardized, interoperable products based on 802.16 standards. The company's licensed and unlicensed frequency products are used by wireless ISPs, private network operators, and remote rural networks and in voice and data backhaul applications to solve last mile challenges. EION Wireless works with more than 165 worldwide channel partners to support its diverse global customer base.