Wi-Fi Systems for Warehouse and Manufacturing

A *Connect EZ* Service ™

Your warehouse and manufacturing operations need Wi-FI to:

- *Lower Costs*
- *Be Faster and More Flexible*
- *Improve Accuracy / Reduce Errors*
- *Be More Supply Chain Independent*

The times are changing... Wireless technology is the backbone of the future

The Future is Now

The wireless applications and technologies are already available to dramatically change your standard operating procedures for within-the-four-walls operations.

Be Smart! Use the data and processes that allow your managers and staff to more effectively move goods through the plant, overcoming those annoying factors that slow them down.

Important Process Improvements Now Available

Container Breakdown – Redistributing orders at the point of import using RFID and handheld scanners that connect back to the database system with Wi-Fi wireless radios

Warehouse Direct Ship – Both pallet shipping and each-pick, direct shipment to customers on a "just in time" basis demands accurate and up-to-date inventory management. A Wi-Fi system provides location identification services for goods, workers, and equipment. Hand held scanners and "smart shelf" RFID racks keep track of goods. In addition, the in-building wireless network provides data, voice, and video communication.

Order Velocity – Wireless inventory management enables direct flow through the distribution center

Flexibility – Respond quickly to higher customer expectations and last-minute order changes with extensive visibility into warehouse activities. The wireless network infrastructure knits together the pieces of the process giving you the ability to communicate changes to workers and automated equipment in real-time.

Voice-over-IP – Integrate you internal communication system with the national cell phone infrastructure for lower cost paging, data acquisition, and video conferencing

Video Security – Video surveillance systems in your plant are simplified with wireless IP-enabled cameras.

We build the wireless communication infrastructure that makes this possible

Connect802 Corporation
111 Deerwood Road, Suite 200
San Ramon, CA 94583
(925) 552-0802   sales@Connect802.com
www.Connect802.com

Moving You Ahead of the Competition

The new technology that will empower your company to create a state-of-the art warehouse and manufacturing facility will need an in-building Wi-Fi wireless network system to provide communication services. Today, your building has an infrastructure of electric wires, telephone wires, and water pipes. Going forward, the new wireless Voice-over-IP (VoIP) telephones and paging systems, RFID readers, video surveillance cameras, and process automation systems will need a wireless infrastructure through which they will communicate.

The state-of-the-art warehouse will be based on well designed wireless network systems

Your database and POS vendors are already telling you about the evolution of RFID, and you may be working with an RFID tag and reader provider to implement a radio scanning system for inventory control. Your telephone system provider is already telling you about Voice-over-IP, and you may even be using wired VoIP today. Even your equipment salesman may already be telling you about the next generation of RFID/Wi-Fi enabled fork lifts, like the Intermec model shown in the upper right. The one thing all of these other vendors have in common – they're going to depend on your in-building Wi-Fi system to support their applications and equipment.

> **Connect802 designs, provisions, and installs Wi-Fi wireless networks systems that will support Voice-over-IP, RFID backhaul, video surveillance, and process automation – all at the same time; all with the required radio signal levels.**

In addition, we can help you leverage your system that provides Wi-Fi connectivity to portable computers and handheld PDAs, to provide Internet access for your guests and visitors.
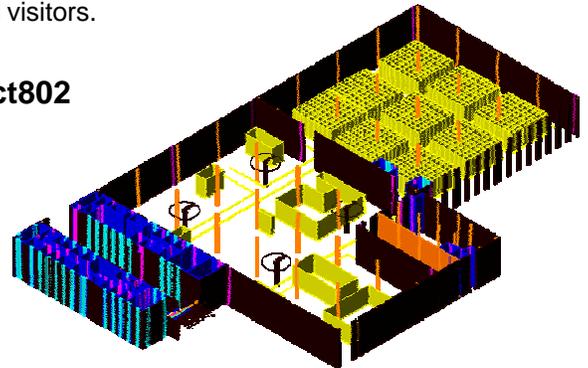
Leading Edge Services and Products From Connect802
- A Turn-Key Approach -

RF System Design

Using advanced RF CAD Modeling and Simulation software, the engineers at Connect802 will create a 3-dimensional model of your facility. Using computer simulation, we develop a design that assures proper signal coverage.

We avoid the problems associated with a design based solely on an on-site survey engagement. In fact, the design does not originate with an on-site survey. Instead, our methodologies allow us to recognize that your warehouse floor will change configuration

3-Dimensional Computer Modeling and Simulation of Your Facility Assures Proper Design

over time and as inventory levels change. These changes are simulated in the CAD model to confirm that connectivity will be correct under all circumstances.

On-Site Calibration and Spectrum Analysis

We follow up our computer modeling with an on-site visit to both calibrate and validate the design, and to perform an RF spectrum analysis of your facility. The analysis detects radio signal problems that may be due to noise or interference. The design can then be adjusted to deal with any problems that are found.

Complete Equipment Provisioning and Installation

Our national presence lets us dispatch a team of installers to your site anywhere in the continental United States. As required, we can provide locally licensed electrical contractors, lift equipment and operators, and tower climbers. We can handle every aspect of the complete installation, and we can also partner with your staff to deploy the system.

Full Technical Support and Training

After the installation is complete, your staff can count on full technical support, and on-site training in the use, management, and operation of the system.

Call or Email Us Today For Complete Details

Connect802 – Your Warehouse and Manufacturing Wi-Fi Infrastructure Specialist

Connect802 Corporation – (925) 552-0802 – www.Connect802.com – sales@Connect802.com