

# zPoint Products

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## 1. Message from the CEO

### HAPPY NEW YEAR!

It's 2008 ... time flies.

If you look at the [Products](#) page, you'll see a list of real products.

It's updated, and it includes most of the standard products (we're still missing a few) but not the custom products, which are designed specifically for one company.

New & better photos will come shortly.

We're getting everything certified now, but every product there is real, working, and in trials by different customers in different cities across the world.

And (of course) there's more coming.

Thank you again for your patience and loyalty.

Brian Empey, P.Eng.

CEO

## 2. What are zPoints?

**A zPoint is a monitored or controlled end-point, connected by ZigBee wireless mesh-networking, but communicating with other open systems** and supporting a variety of messaging protocols including native ZigBee ZDP, Mod-bus, and ANSI 709.1 profiles — the object-based standard for device connectivity within the Building Automation industry.

zPoint Products is a division of Techsol, a North American (NAFTA) corporation specializing in **low-cost embedded technology design and product fabrication**. We offer a variety of products and programs that will **save you money installing Building Automation Systems** using our **proven ZigBee-powered platform to mitigate risks**. In addition, our solutions provide both **energy cost savings** and **increased comfort and convenience** for your customers.

Like the wired interfaces available for end-points, we offer these features:

- **digital inputs and outputs**
- **analog inputs and outputs**
- assorted **specialty devices**, such as light-sensors, humidity sensors, temperature sensors, occupancy sensors, etc.
- **strong adherence to industry standards**, including ANSI 709.1, USB, ZigBee, Ethernet (IEEE 802.3), ModBus, BacNet, Sun's J2ME, etc.

But, unlike typical wired end-points, we offer these benefits:

- **Reduced System Costs** with fine-grained modularization

- **Reduced Installation Costs to enhance your competitive advantage and increase profits**
- **Production is performed in North America**

The net effect is that **we can get you to your goals faster, cheaper, better** than by any other means.

And our proven hardware and software platform **minimizes your project's risk** elements!

### **3. Introduction to zPoint Products**

This division of Techsol was **created to deploy robust, wireless technologies into the Building Automation market, as well as Industrial and Home Automation markets.** Techsol's Industrial and Security customers have been asking for low-cost, quality wireless communications systems for some time now. And our **advanced Java Gateways** (which were **designed for building systems monitoring**) have seen a wide range of deployments, from **monitoring energy consumption** in residential homes, to **monitoring server farms** in large corporations. But mostly, they have been deployed to **monitor Building Automation (BA) and Factory Automation (FA) systems** for the operations and maintenance staff. Now, there is a family of low-cost, interoperable zPoints available for **those customers wanting a means to connect more end-points without the cost of cabling.**

### **4. What's New from zPoint Products?**

July 2, 2007 - **zPoint Products is pleased to announce that we are taking orders for a Wireless Control experimenter's kit that contains everything you need to set up a ZigBee mesh network connected to your PC.**

This kit should be of interest to everyone who is curious about ZigBee wireless controls. It comes as a set of 4 wireless devices plus software for Windows or Linux PCs.

[\(...more\)](#)

November 15, 2006 - **zPoint Products demonstrates cost-saving wireless control devices (zPoints) in the ZigBee Alliance booth at the Electronic Home Expo (EHX) in Long Beach, California.**

Systems demonstrated include a ZigBee remote-control and a touch-panel computer controlling both lighting and an energy-saving cooling system from Quiet-Cool fans.

[\(...more\)](#)

October 5, 2006 - **ZigBee Evaluation Kit from zPoint Products offers Simple, Low Cost means to evaluate Wireless Signal-Strength.**

ZigBee Evaluation Kit from zPointProducts offers Simple, Low Cost means to evaluate wireless Signal-strength in user's target environment. [\(...more\)](#)

**May 30, 2006 - zPoint Products demonstrates Wireless Lighting Controls at Light Fair 2006.**

zPoint Products demonstrated wirelessly controlled, dimmable fluorescent lighting here at Light Fair. The multiple lighting fixtures were controlled from a computer featuring a USB-to-ZigBee dongle, another new product from zPoint Products. ([...more](#))

**March, 2006 - Techsol Announces New Division to concentrate on Building Automation Solutions.**

With the official release of the ZigBee standard in 2005, the technology was in place to create such solutions as the zPoint Wireless End-points, but on our terms ... ([more](#))

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