

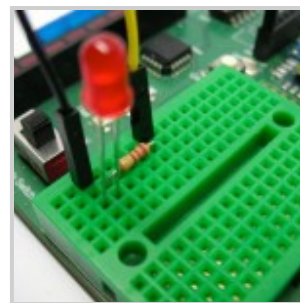


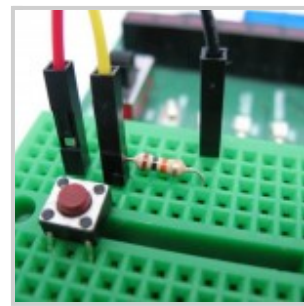
# Getting Started with XBee Wi-Fi Cloud Kit

The new [XBee Wi-Fi Cloud Kit](#) is the fastest way to get your things connected to the internet ([#IoTASAP](#)). Even if you have no experience building your own circuits or writing code, you're now capable of connecting a device and building online dashboards with the XBee Wi-Fi Cloud Kit. And, to make getting started even easier, [Rob Faludi](#), Digi's chief innovation officer and author of *Building Wireless Sensor Networks*, has put together examples that walk you through each step of connecting various devices.

The advantages of adding a cloud connection to your projects are endless. You can monitor the performance and troubleshoot problems and create environmental responses that bring a heightened level of interaction to users.

## A Few Ideas to Get Started





## Temperature Monitoring

Temperature monitoring is a great starting point to get familiar with analog sensing. This example uses the TMP36 low-voltage linear sensor that is included in the XBee Wi-Fi Cloud Kit. Once you've completed this example, your TMP36 will be generating data points that are viewable in your web browser.

## Control an LED

Making an LED illuminate is one of the first things many people do when they start learning electronics. Hence, it can be one of the most satisfying. We're putting a wireless spin on that achievement by hooking up an LED to an XBee's output, then controlling it from the web.

## Push Button

A button or "momentary switch" is perfect for projects that require user input, or any place you need to detect a change in device state. This example uses a simple tactile switch, however the very same circuit can be used with a pressure mat to detect someone walking into a room, or with a microswitch to monitor when a door opens or with a passive infrared sensor to respond to motion. In this tutorial, we'll walk you through wiring up a simple button to your XBee Wi-Fi so that its current state can be seen in a online application from anywhere in the world.

These are just a few ideas to get you thinking about what is possible with the new kit. You can find all of these examples and more [here](#), and you can always find more XBee projects in the [XBee Gallery](#).

**Interested in getting an XBee Wi-Fi Cloud Kit? [Head over here.](#)**