

Reference Kits

for fast and easy prototyping

Setting up a Wireless Sensor Network is Fast and Easy

The first step to fast, cost-effective development is a fast, easy prototype. Millennial Net offers a wireless sensor networking Reference Kit that delivers just that. You can prototype your application in a matter of hours. Reference Kits enable you to:

- Evaluate the behavior and performance of the mesh network
- Verify response times, range, power consumption, and other important design variables
- Prototype your application
- Evaluation basic sensor integration

Standard Reference Kit

Millennial Net's standard Reference Kits contain everything you need — software, hardware, and accessories — to set up a self-organizing wireless sensor network:

- **System software:** Millennial Net's MeshScape system software forms the foundation of the efficient, responsive, and resilient wireless sensor network. The software is delivered on the end nodes, mesh nodes, and gateway hardware modules described below.
- **Hardware modules:** The Reference Kit delivers all the hardware modules you need to quickly set up a working star, mesh, or star-mesh hybrid sensor network, including five end nodes, three mesh nodes, and a gateway.
- **Network monitor:** The Network Monitor GUI software allows you to set network and device operating parameters and monitor the status of the network components and their sensor I/O connections.
- **API library:** A complete API library is provided to streamline development using Microsoft Visual C/C++ on a PC. For applications where the gateway connects to a third-party controller, Millennial Net also provides libraries (pre-compiled Windows API library and Linux API library source), as well as application source code examples.
- **Documentation:** The documentation includes a Quick Start Guide to installing the software components, as well as a User's Guide which documents the API function calls and shows how to install the hardware, operate the Network Monitor software, and connect sensors to the end nodes.
- **Accessories:** The Reference Kit comes with batteries, AC adapters, cables, and antennas so that you have absolutely everything you need on hand to set up your network prototype.

Proof-of-Concept Development Services

Millennial Net offers proof-of-concept development services to speed your ramp-up time and deliver expertise and development resources to your project. If you have defined the basic requirements, just provide us with your sensor(s) and we will build the proof-of-concept prototype. Or, if you need a little more help, we will work collaboratively with you to define the concept and requirements, as well as source sensors if necessary. In all cases, Millennial Net will deliver a proof-of-concept prototype that enables you to test the feasibility of integration and/or the use of wireless sensor networking technology for your application and assess the complexity and performance of the network based on your key performance objectives.

Pricing and Availability

To order a Reference Kit or to learn more about our proof-of-concept development services, call our Sales Department at +1-781-222-1030 or e-mail us at info@millennialnet.com.