Wireless Sensors Reduce Installation Time From Days to Hours

Libelium launched Waspmote Plug & Sense!, a new line of Libelium encapsulated wireless sensor devices allowing system integrators to implement scalable, modular wireless sensor networks and reduce installation time from days to hours.

Waspmote Plug & Sense! models are pre-configured to create such widely applicable services as Smart Cities, Smart Parking, Smart Agriculture, Air Quality, Smart Security, Ambient Control and, Radiation Control, out of the box. Unlike other

platforms, Waspmote Plug & Sense! sensor nodes are ready for deployment anywhere in the world, in terms of available radio frequencies (2.4GHz, 868/900Mhz) and certification (CE, FCC, IC). Plug & Sense are set to send information to Meshlium, the sensor gateway that uploads data to the Cloud, making the data accessible from anywhere and easy to integrate into third-party applications.

Ready to install and easy to deploy, each Waspmote Plug & Sense! mote is equipped with six connectors to which sensor probes can be attached directly, allowing services to be scalable and sustainable. The Waspmote Plug & Sense! Platform may be solar powered to allow energy harvesting and years of autonomy. Once installed, Waspmote Plug & Sense! sensor nodes can be programmed wirelessly thanks to an over the air programming (OTAP) feature. Sensors can be replaced or added without having to uninstall the mote itself, keeping maintenance costs to a minimum. For example, a network with CO2 probe sensors may easily add a noise sensor by simply attaching it, thereby extending the service.

Libelium: www.libelium.com [1]

October 24, 2012

Source URL (retrieved on *04/16/2014 - 2:09pm*):
http://www.wirelessdesignmag.com/product-releases/2012/10/wireless-sensors-reduce-installation-time-days-hours?qt-digital_editions=0&qt-blogs=0

Links:
[1] http://www.libelium.com