April 2015

ZigSense Newsletter

ZigSense line of wireless sensors continues to grow with new ultra low power models aiming to capture an ever expanding interest in wireless sensing technology and online 'cloud' monitoring. We aim to meet our client's technical specifications by providing quality products at an affordable price.

ZigSoft is a software utility designed to assist the user in setting up wireless mesh networks, monitoring of data generated by every wireless node and even act as a data logger for data transferred from remote locations.

ZigSense Cloud Controller

ZigSense Cloud Controller is an out of the box solution for online monitoring of local and remote sensors. Data gathered from a wide range of sensors is uploaded and stored in a **ZigCloud** web site. Each client receives a secured & dedicated web space. What are the benefits? **1.** Monitor sensors' data online through dynamic graphical objects and a standard web browser **2.** Monitor and download your process' historical data using trends, charts, tables and statistical reports **3.** Define up to four alarm conditions per input **4.** View & receive alarm messages and system events online wherever you are or download CSV files **5.** Receive alert messages via email, SMS, Twitter accounts or as synthesized voice **6.** Use built-in 'Script' programmable control functions. **7.** Low cost of hardware and low cost of web monitoring services.

ZigCloud data is accessible from anywhere

All you need is a standard browser

Download a datasheet here: **www.zigsense.com.au**

ZigCloud

ZigCloud
Sensors Monitoring Services

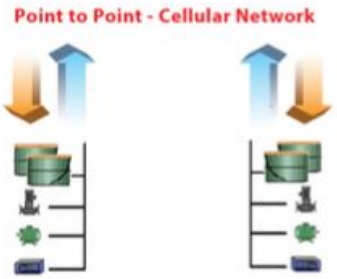
ZigCloud is a secured internet based data monitoring and logging service. It is designed to complement **ZigSense** wireless sensors. Secured connection to the 'Cloud' is achieved through a cloud controller. ZigCloud users are allocated a secured 'cloud' space whereby stored data can be accessed by authorized users.

Wireless expansion node

Model ZS3GE-EXP-003 is a short range wireless node communicating directly to the cloud controller. The new wireless expansion node contains: 4 x Inputs that can be selected as: Analog: 0-5V / 0-10V / 4-20mA / NTC type temperature sensors or Digital On/Off. Pulse counting up to 200 pulses per second can be monitored also. Two Digital relay output terminals can be used to control other systems. Communication range is limited to 100 metres. Nine remote controllers can be added to a central cloud controller

ZigSense SMS P2P

ZigSense ZS3G-SMS-P2P IO controller now supports point-to-point (P2P) functionality. This new feature is in addition to its standard SMS IO control functionality. Using a P2P pair over 3G cellular networks enables remote monitoring & control of processes over great distances where no line of sight exists between the two remote stations. The **ZS3G-SMS-P2P** pair supports 2xDigital Inputs + 2xDigital Outputs (Relay contacts). To achieve point to point (P2P) functionality each node contains a dedicated SIM card and a unique phone#. The controller can be set up by issuing SMS messages from an authorized mobile phone. There is no need for any software at any stage. These SMS controllers can be used in PLC based industrial automation systems, HVAC systems, cooling towers, water tanks, grain silos, motors, pumps, irrigation systems, irrigation PIVOTS, fans, flood-light towers, farm gates, and many other systems. Interface to **ZS3G-SMS** is via any mobile phone or smart-phone. An iPhone APP is available for free download from Apple's App store.



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