



A U T O L O G ® Wireless Sensor

S O P H I S T I C A T E D ® A U T O M A T I O N

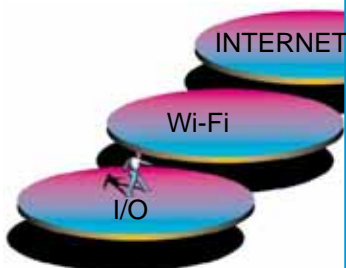
Monitor your applications cost effectively through Wi-Fi Network.



Fast reaction to critical situations.



Internet SCADA works everywhere!



AutoLog® Wireless Sensor

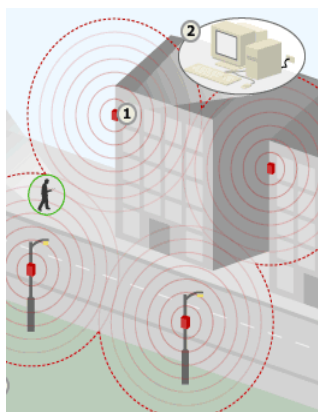
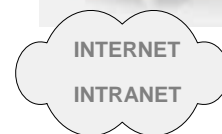
Wireless
Sensor



Indoor Wi-Fi router

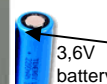


Outdoor Wi-Fi router



Internet (City wide Wi-Fi)
OR
Intranet (Local Area Wi-Fi)

- Temperature
- Level
- Pressure
- Vibration
- Humidity
- Etc.



• ATEX sensor

AutoLog® Wireless Sensor

- up to 5-10 years battery life [1]
- 4 x Analog inputs
- Configurable time interval wake-up
- 2 x Digital inputs for conditional wake-up
- No power or communication wirings needed
- Build-in and external sensors – Ask more!

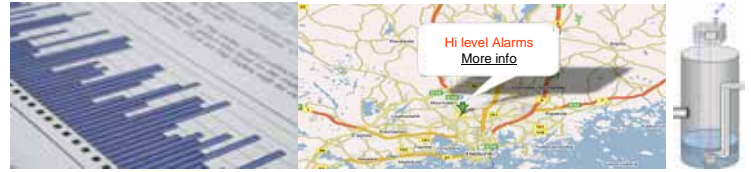
AutoLog® Wireless Sensors represents a breakthrough in the world of wireless sensor networks. New Ultra-low-power sensor solution for mainstream Wi-Fi 802.11 (WLAN) network opens doors to many new applications.

Using mainstream standard and open solution, you will benefit from very economical mass market network components and tested interoperability between numerous device vendors. In addition the Wi-Fi knowledge is well known. (Over 80% of US enterprises have deployed 802.11 networks in 2008 and it is estimated that 96% of new home networks are based on Wi-Fi in 2010 [2])

Some benefits with Wi-Fi sensor networks are: Years-long-battery-life, Installed infrastructure, Low TCO (total cost of ownership), Security, Manageability, Reliability, Data rate scalability, IT knowledge, etc.

[1] Depends on application [2] IDC, Jun 2006

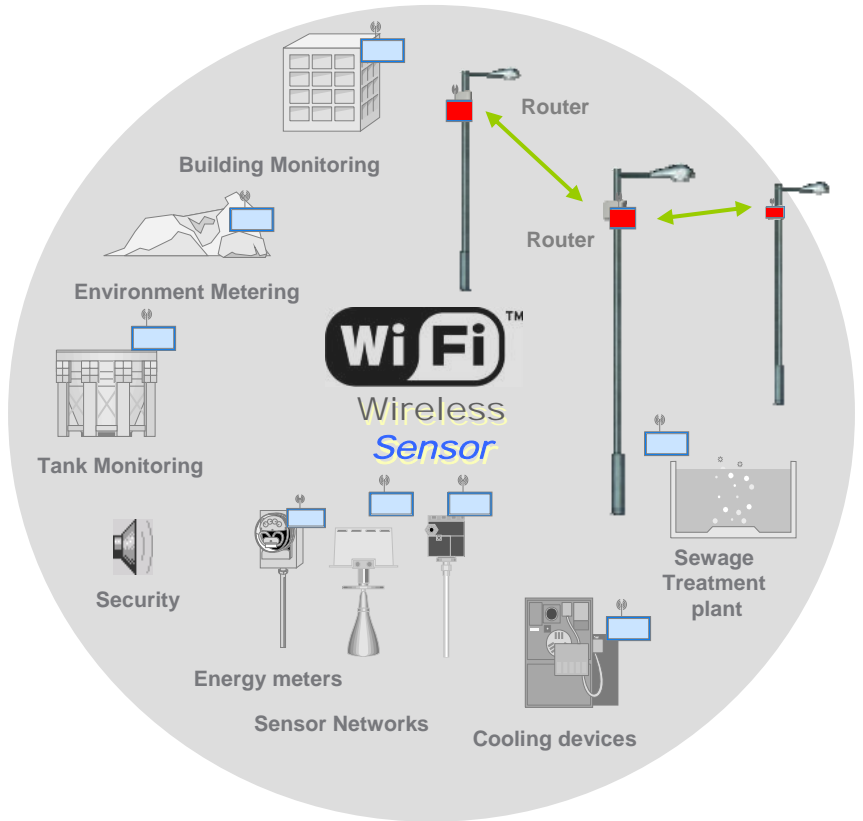
THE AUTOLOG® FAMILY
 AUTOLOG®PLC AUTOLOG®GSM AUTOLOG®OEM
 AUTOLOG®RTU AUTOLOG®FCS AUTOLOG®HMI



A U T O L O G ® Wireless Sensor

Applications

- Oil & Gas applications
- Tank level monitoring
- Cold storage Monitoring
- Environmental Monitoring
- Building applications
- Sewage treatment plants
- Vehicle applications
- Outdoor area monitoring
- City wide Wi-Fi monitoring
- Discrete & process manufacturing vibration monitoring, temperature, pressure, flow...
- Condition based maintenance applications in industry and defence markets
- OEM applications



Additional Features:



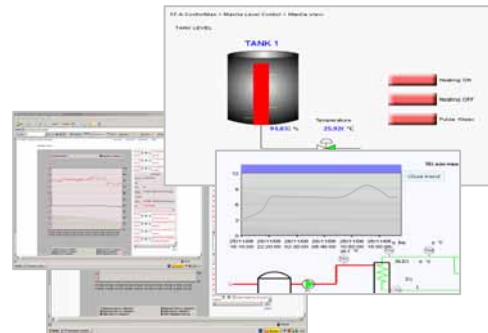
Wi-Fi routers can be connected to wired Ethernet network or the coverage can be extended beyond the wired Ethernet network using Auto Mesh feature of routers. Ask more !



Wi-Fi routers can be connected to AutoLog PLC for further data processing and generating alarms or controls etc.



= AutoLog Wireless Sensor



Using AutoLog PLC as data collector, the data can be send throug GSM network to AutoLog ControlMan etc. Ask more !



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