



Wireless Kanban Enabled by SeQent's *PlantCALL*

Key Features

- Station installation is feasible in almost any environment as only A/C, D/C or battery power is required to operate
- Quick response time of 2 to 3 seconds
- More cost effective than traditional 'wired' alternatives
- Cost-effective alternative to WhereNet
- Electronic wireless alternative to traditional Kanban systems

Our software solution includes these components:

PlantCALL Server

A scalable enterprise-wide software application that can work in conjunction with SeQent's *FirstPAGE*, *FirstPAGE* Alarm Manager and/or Marquee Manager solutions or any OPC compatible product.

PlantCALL Administrator

An administration tool that allows for administration of button transmitters from any workstation.



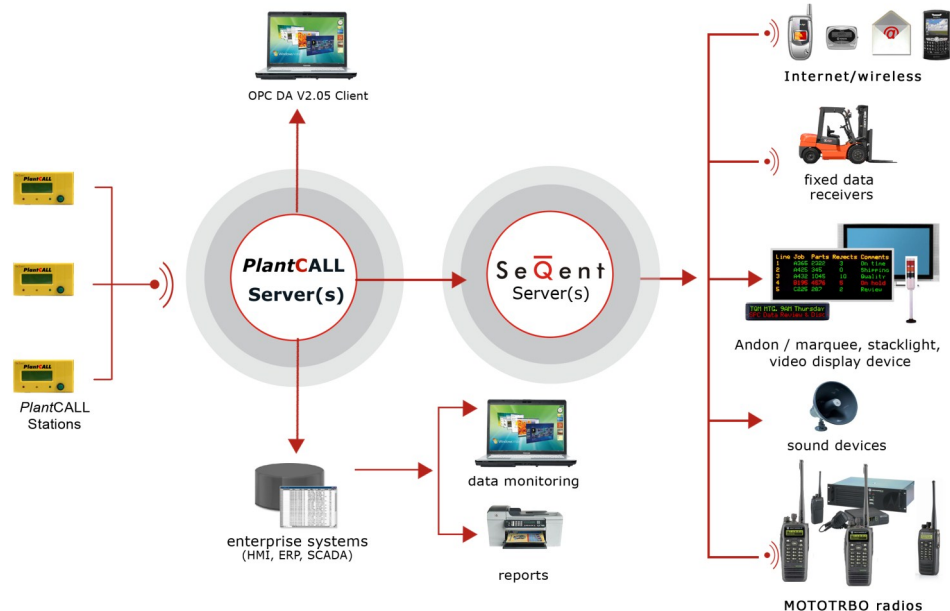
SeQent's *PlantCALL* product family offers a cost-effective means of providing manual inputs into our visualization systems and to any OPC compatible HMI/SCADA system. *PlantCALL* uses WiFi 802.11 technology combined with a push button interface to enable operator initiated or automated communications in 'grey' areas of a plant or facility that are not hardwired. It enables station operators to communicate

with areas and personnel beyond their individual workstations for such items as supervisor attendance, material calls or contacting plant maintenance personnel.

Functionality

***PlantCALL* Station** is a physical button interface which may be mounted at a workstation as the user interface to *PlantCALL*. Each station is uniquely addressed on the *PlantCALL* network so that applications may determine the state of any button in the network. The button operator can visualize the state of each button at the station via an Andon light and the server application can communicate with the operator via the onboard 4x20 LCD display.

***PlantCALL* Button** is a ruggedized WiFi call button with an onboard 4 line x 20 character LCD display and Andon lamp. Consuming very little power, the button may be powered by AC, DC or onboard battery. There are two (2) Button options: a button with three front LED lights or a button with one super-size LED (20mm).



System Requirements

- Windows XP, 2003 or 2008 Server
- OPC DA Client
- 802.11 b/g WiFi infrastructure

Technical Data

Characteristics:	
Housing	Robust industrial case
Material	Plastics PS (Polysterol)
Color	Yellow, RAL 1021
Display	LCD, reflective
Interface	RS232, external inputs
Carrier	Flexible bracket
Andon Light	0.25 W, radial beam for single bulb design or 2 LED design
Environmental Sealing	IP 54
Antenna	Internal
Display:	
Visible Area	75x25 mm ²
Characters	4 line x 20 characters
Font	5 x 7
Contrast Ratio	30:1
Electrical:	
Power Supply	AC/DC Battery
Environmental:	
Operating Temperature	-20 to +40° C
Storage temperature	-20 to +70° C
Physical:	
Dimensions	150x82x60 mm
Weight	980 g including battery
Radio/WLAN:	
Frequency	2.4 to 2.485 GHz; Direct Sequence
Standard	IEEE 802.11 b/g
Encryption	OPEN, WEP 40, WEP 128, WPA (TKIP), WPA2 (AES)
Authentication	OPEN/WEP, WPA/PSK, WPA2/PSK, WPA/PEAP/MS-CHAPv2 (Enterprise), WPA2/PEAP/MS-CHAPv2 (Enterprise)
Software:	
Firmware	Update via RS232
Configuration	Configuration via RS232
Technology:	
CPU-Technology	Embedded Microprocessor
RTC	Internal Real Time Clock
Layer Technology	2-Layer, SMD
Response time	Less than 2.0 sec (excl. host response time)
Warranty:	
Period	1 year
Coverage	Parts