








Smart-Caller



Smart Caller Blue-Line ISM Wireless

MEDICAL CLINIC NURSE CALL SOLUTIONS

FEATURES AND BENEFITS

-  **AUSTRALIAN DESIGN AND MANUFACTURE**
Using latest technology and components
-  **LONG RANGE COMMUNICATION**
1Km call-point (free space) range for reliable communication
-  **LONG LIFE BATTERIES**
8-10 year battery life or optional wired power source
-  **MULTI-TASKING CALL POINTS**
Being a communication “Hub” allowing multiple and identifiable hard wired or wireless trigger inputs
-  **INBUILT PIN-POINT DURESS & TRACKING OPTIONS**
Using Bluetooth technology pin-point location possibilities
-  **‘HEARTBEAT’ & CALL-BACK CONFIRMATION INTEGRITY**
Automatic site-wide self checking & confirmed call acceptance
-  **ADD-ON OR OVERLAY TO EXSITING SYSTEMS**
Ideal for enhancing existing systems
-  **FAST, LOW COST, FLEXIBLE & CABLELESS INSTALLATION**
Simply fit call-points to preferred wall or desk locations



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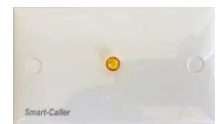
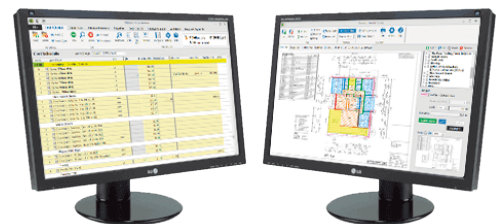
HOW IT WORKS

For relatively small systems as typically required for Medical Clinics and similar applications where one or more persons may be at risk a single button press on a portable wireless pendant or call-point is all that is required to immediately summon help.

Similarly any relay contact event such as an 'over temperature' alert from a refrigerator or anti-tamper contacts on a medical cupboard or perhaps the front door bell can also be included within the system.

The incoming call selects the appropriate pre-compiled text message stored within the control unit and whilst logging the call it despatches the outgoing message to the required display destinations.

Those display devices may typically include a selection of video monitors, LED Annunciator displays, portable alphanumeric pagers, buzzers, and strobe lights and even SMS text messages to mobile phones. They are all capable of providing appropriate audible alerts identifying the level of priority of the text message being displayed.



NURSE CALL SYSTEMS - WIRELESS Vs HARDWIRED

The ever expanding expectations of health and aged care professionals has long since passed the hardwired versus wireless debate. Meanwhile Smart-Caller's BlueLine nurse call systems can simply encompass the benefits of both technologies whilst avoiding their previous limitations.

In particular, the rapid and impressive developments that have occurred with the design of wireless devices such as mobile phones now impacts on the design of similar wireless communication systems. This includes the BlueLine-ISM long range wireless nurse and emergency call systems.

With the benefits of the available transmitting power and operating frequencies now possible using the special ISM (Industrial, Scientific & Medical) wireless formats this technology is fast overtaking the more expensive and less flexible hard-wired communication techniques.

Its economical cable-less infrastructure also ensures a high level of immunity from lightning damage.

Using this latest technology it is now possible to achieve reliable and supervised wireless range in excess of 1Km call-point to Node and 2 to 3Km Node to Node. Portable pendant range and functionality is similarly enhanced by this latest technology.

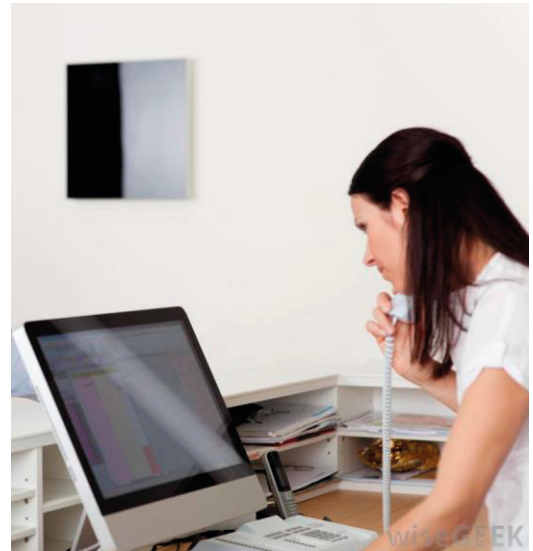
Other benefits include 8 to 10 year battery life and the confirmation of calls having been delivered by the receiving device triggering the sending device's reassurance LED light.

Large or small, from a single call-point or pendant to many thousands, the Smart-Caller ISM wireless system provides a flexible and long lasting solution for fast and reliable communication to a wide range of display and logging devices.

CALL POINT DESIGN

BlueLine Wireless and Hardwired system call-points are identical in appearance and operational functions allowing seamlessly combined technologies within a single system. This enhances system flexibility and greatly limits the need for incurring cable installation costs.

The silicon antibacterial/antifungal infection controlled call buttons are available for 'Call', 'Assist', 'Emergency' and 'Presence' and the standard 'Call' version is also capable of 'Staff Assist' by the Staff pressing the call and cancel buttons simultaneously. "Heartbeat" monitoring can also be enabled thereby ensuring continuously supervised system reliability.



MORE FEATURES AND BENEFITS

- 📶 **INFECTION CONTROLLED CALL-BUTTONS**
- 📶 **BACK LIT CALL BUTTON (using 12v supply)**
- 📶 **BRAILLE SCRIPT SILICON CALL BUTTON**
- 📶 **CALL, CANCEL AND ASSIST VIA 2 BUTTONS**
- 📶 **SEAMLESS MERGING WITH HARD WIRED**
- 📶 **LONG RANGE PERSONAL PENDANTS**
- 📶 **PENDANT 'FALLS DETECTION' OPTION**








WIDE RANGE OF ALERT INPUTS

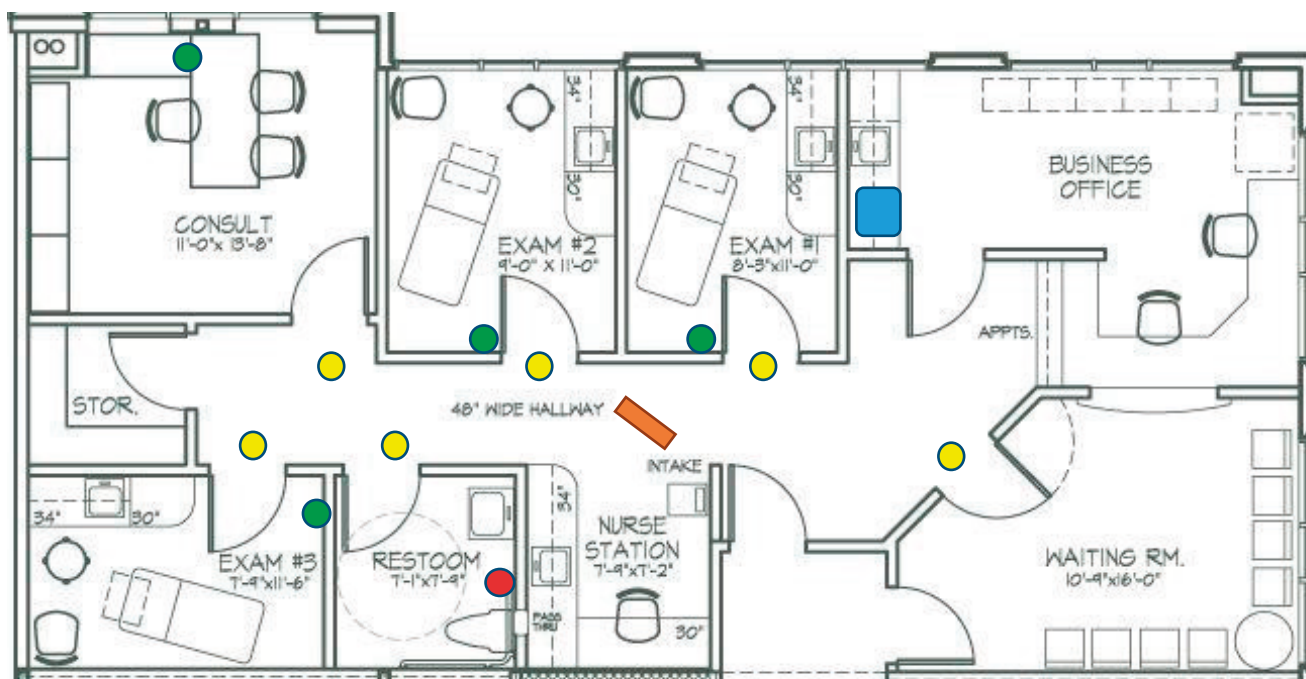
In addition to providing personal protection for persons working alone or at risk there is no practical limit to the quantity or range of prime or secondary devices that can be monitored by the Blue-Line ISM wireless system. Several thousand devices can easily be accommodated.







In addition to its prime objective of providing personal protection under 'duty of care' obligations associated with Occupation Health and Safety requirements the system is equally suited to monitoring, logging and reporting environmental, Duress, Security, tamper and asset tracking issues.

INPUT TRIGGER ACCESSORIES

-  **FIXED LOCATION CALL-POINTS**
-  **PORTABLE WRIST & NECK PENDANTS**
-  **DOOR BELL**
-  **INTRUSION SENSORS**
-  **SMOKE, HEAT & GAS DETECTORS**
-  **FLOOD SENSORS**
-  **BED & CHAIR EXIT SENSORS**
-  **WANDERER TAGGING SENSORS**
-  **INACTIVITY PIR SENSORS**
-  **BUILDING MANAGEMENT SENSORS**

TYPICAL MEDICAL CENTRE NURSE-CALL LAYOUT



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|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
|  CALL, CANCEL, ASSIST CALL-POINT |  ANNUNCIATOR DISPLAY |  MONITOR & HEAD END |
|  SINGLE OVER DOOR LED |  BATHROOM CALL POINT |  PAGER |

Specifications and illustrations are subject to change without notice



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