



NDIS/SDA TYPICAL APARTMENT COMMUNICATION SYSTEM



REMOTE SUPPORT

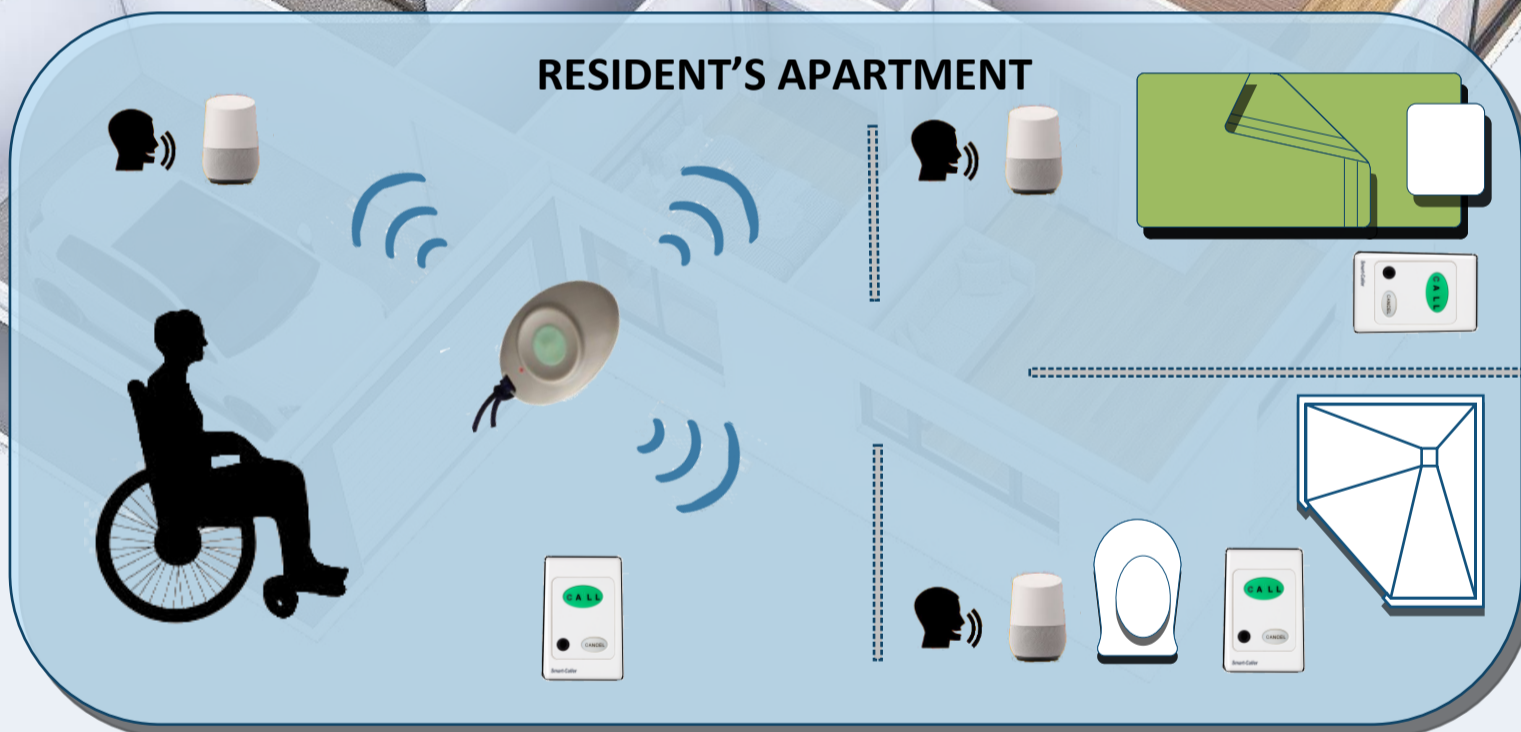
MODELS - BLUELINE-IP-SDA-01 & BLUELINE-ISM-SDA-01

CARER'S APARTMENT



SELECTION OF OPTIONAL COMMUNICATION DEVICES

RESIDENT'S APARTMENT



PREFERRED TECHNOLOGIES

The choice of either of these two leading communication technologies will each suit a typical SDA (Specialist Disability Accommodation) installation.

They include hard-wired IP (Internet Protocol) or ISM (Industrial, Scientific & Medical) long range Wireless. The above diagrams reflect the use of either of these modern technologies.

When considering physical limitations that may be applicable to typical SDA Residents its important to always deploy adequate short-range wireless communication capability.

This ensures communication with the Carer in the event of a Fall or similar urgent need for assistance.

Irrespective of the base technology used, the system will need to be bristling with wireless triggering capability. This may also include integrated Bluetooth technology with wearable devices having SOS button capability.

OVERVIEW DESCRIPTION

RESIDENT APARTMENT

Call Points and Voice Activation devices are located in each living area. The Call-Points can each be triggered via its call button or via a wearable wireless pendant or assistive accessory. They may also be activated by the Resident calling for 'Help' via an Alexa, Siri or similar voice activation device as shown.

CARER APARTMENT

A key issue is for a 'Resident Alert' to immediately become known to the Carer irrespective of time of day or the whereabouts of the Carer.

The diagram identifies a few typical Carer Accommodation options. Again Wireless technology becomes an essential communications medium because all incoming calls need to also be extended to the Carer's mobile phone or alphanumeric pocket pager.

BLUELINE-01-SDA IP & ISM SYSTEMS COMPLY WITH COMMUNICATION SYSTEM CLAUSE 23.2 OF NDIS SPECIALIST DISABILITY ACCOMMODATION DESIGN STANDARD 25-10-2019

SEE RANGE OF ALTERNATIVE SYSTEMS OVER PAGE



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COMMUNICATION SYSTEMS FOR SDA/NDIS ACCOMMODATION ISSUE 2 - 24-05-2022

1. SCOPE

Wide ranging concepts & solutions. From the four official NDIS categories within the SDA/NDIS accommodation guidelines it is only the “High Physical Support” level that specifies the need for the Disabled Resident to be given the ability to use Assistive Technology in order to communicate with the site Carer. However, it will be seen that it can cost extremely little extra for the Developer to provide the Resident with the ability to communicate irrespective of site classification. Following is a brief introduction to the range of five SDA solutions starting with the above-mentioned low-cost solution.

1.1 BLUELINE-05-SDA-PAGING

A low-cost solution for all SDA sites. The [05] version costs less than \$250.00 (GST Exempt) per bedroom (based on a typical 4-bedroom site) to provide a 24/7 communication capability to the Carer who may typically be anywhere on the site. Using long range professional wireless Paging (as used in Hospitals) this system therefore offers a highly desirable facility for an amazingly low investment. It needs no installation, is totally flexible and would certainly provide a major marketing advantage over competitive SDA sites that do not provide such important facilities. [See the BlueLine-05-SDA brochure here.](#)

1.2 BLUELINE-04-SDA-DHHS

A Victorian Government Preferred solution. This model contained in a smart wall mounting cabinet also uses wireless, in this case ISM (Industrial, Scientific and Medical) Long Range wireless. It is also supplemented by a hard-wired both-way intercom speech path between each SDA bedroom (or apartment) to the Carer’s room. It also uses a Paging system to the Carer in order that he/she can be aware of a call-in-progress requiring attention. [See the BlueLine-04-SDA-DHHS Brochure here.](#)

1.3 BLUELINE-03-SDA-ISM

A popular plug-and-play wireless solution. This is a purpose-built system that will control an Annunciator Display and/or a mobile Pager. Because it is a plug-and-play wireless system there is very little need for installation, particularly as the Head-end is delivered ready for action in a wall-mounting cabinet. [See the BlueLine-03-SDA-ISM Brochure here.](#)

1.4 BLUELINE-02-SDA-4G

Multitasking system via 4G Internet. This is a system with a difference. It provides text messaging direct to the Carer’s mobile phone plus loud-speaking two-way voice contact from either direction at any time. Each of the Resident Apartments would have a special wall mounting console with integral speaker and microphone plus access to the 4G GSM network. Portable and mobile wireless devices communicate to the console via ISM long range wireless and it uses the 4G wireless network thereafter. There is no need for cabling and there is no need for equipment in the Carer’s room other than the Carer’s mobile phone on his/her person. [See the BlueLine-02-SDA-4G Brochure here](#)

1.5 BLUELINE-01-SDA-IP (or ISM)

Top of the range system with wide ranging options. This solution is computer controlled and accordingly can accommodate an extremely wide range of options. It is therefore particularly suited to large or complex SDA applications. It is designed to suit hard-wired IP (Internet Protocol) or ISM Long Range wireless applications but like all of the other systems it uses wireless where necessary such as needed from the Resident’s wheelchair. [See the BlueLine-01-SDA-IP-ISM brochure here.](#)

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