

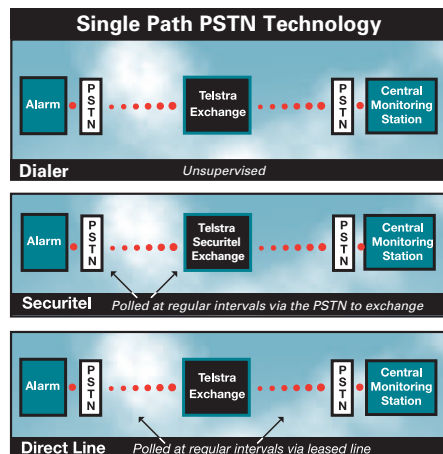
Guardcell™ DirectWireless™
the best alarm monitoring
solution available

'yes'
OPTUS

Why DirectWireless™ is the new standard for Monitored Alarm Systems:

	DIRECT WIRELESS™	DIRECT LINE	SECURITEL	RADIO	DIALER
Designed to meet Class 3 AS2201.5 - 1992	YES	YES	YES	YES	
Designed to meet Class 4 90's Polling AS2201.5 - 1992	YES	YES			
Designed to meet Class 5 20's Polling AS2201.5 - 1992	YES	YES			
3 independent Alarm Transmission Paths DirectWireless - GSM - PSTN	YES				
DirectWireless service to over 94% geographic coverage of the Australian population	YES				
Designed and Manufactured in Australia	YES				

DirectWireless™ the new monitoring standard for all levels of security



SECURITY
Communication
Solutions

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3624 Powerhouse Design

Direct Wireless™

"The new standard for Monitored Alarm Systems"

GUARDCELL™

direct
WIRELESS™

- ☞ 20 or 90 Second Point to Point polling
- ☞ Dedicated Network - Nationwide coverage
- ☞ Fixed running cost
- ☞ Primary Wireless / PSTN Backup

- ☞ Point to Point Acknowledgement of all Alarm signals
- ☞ Lightning Fast Alarm Transmission
- ☞ Australian made

'yes'
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Guardcell™ DirectWireless™ the best alarm monitoring solution available

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Guardcell™ Wireless Alarm Interface (GCWAI-DW)

Patent No. 672800

Using the DirectWireless™ Network

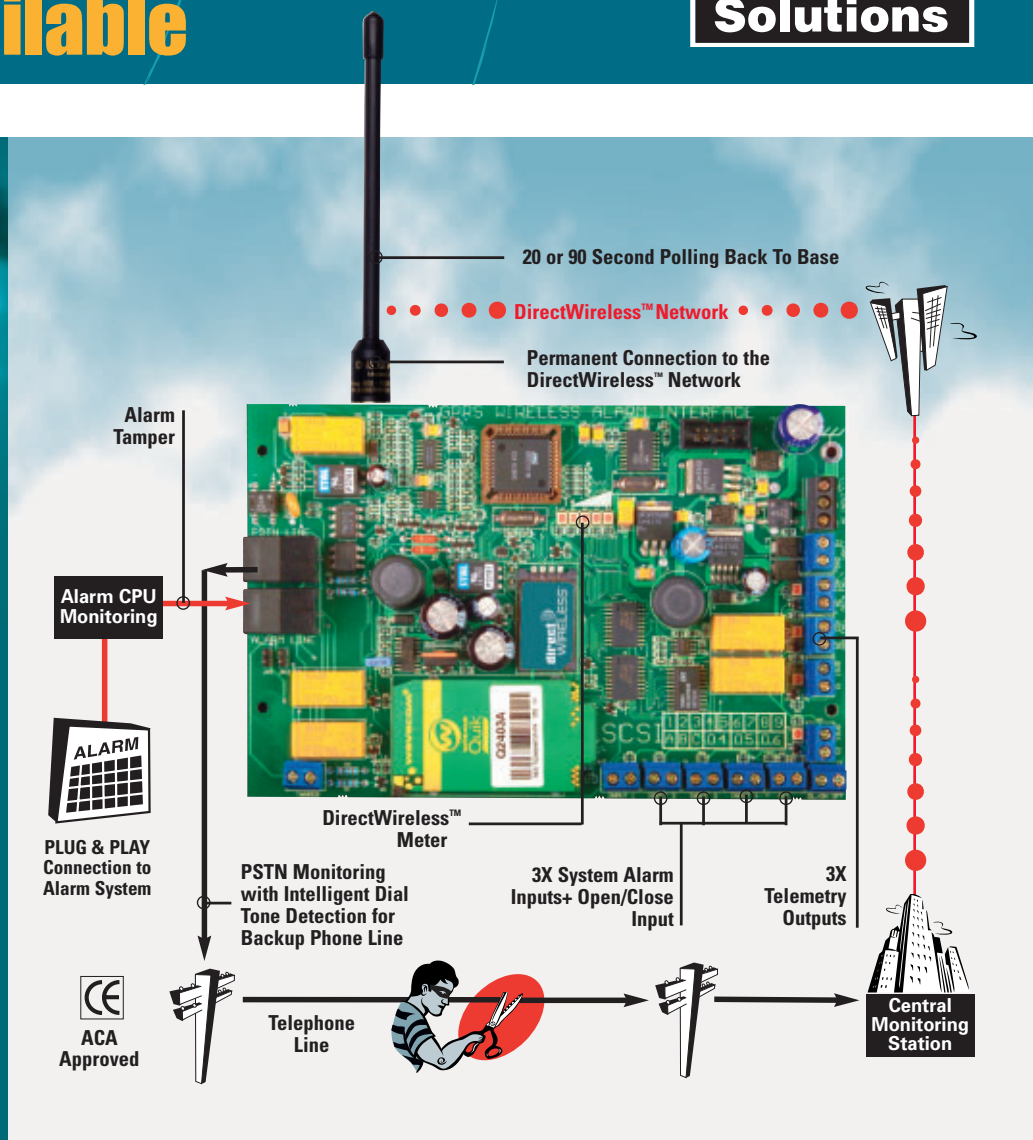
The Most Advanced Alarm Transmission Solution Available

“What happens if the Phone Lines are Cut?”

GUARDCELL™

direct
WIRELESS™

‘yes’
OPTUS



Guardcell™ GCWAI-DW

Features and Advantages

No need to worry about cut or downed phone lines, thanks to Guardcell™ and the DirectWireless™ network. The DirectWireless™ network provides nationwide wireless coverage to over 94% of the Australian population and allows the highest form of security, even to the remotest of locations. Guardcell™ DirectWireless™ does not have any of the inherent pitfalls that the current outdated PSTN network has, such as the very high risk of phone line sabotage prior to Burglary. And don't worry about the rising costs of special "dedicated" or supervised landlines for your security system.

Guardcell™ and DirectWireless™ replaces this outdated expensive approach, and it provides a secure and advanced alarm

transmission system available with a running cost comparable to most PSTN dialer alarms system.

Features Supported by Guardcell™ DirectWireless™

- Designed to comply with AS2201.5-1992 class 4 & 5 alarm transmission systems
- 20 or 90 second polling point to point supervision
- Lightning fast Point to Point acknowledgment for all alarm transmissions
- Fixed monthly running cost
- Dedicated alarm transmission network for Security and Fire industry
- Nation wide coverage utilizing the SingTel Optus GSM/GPRS & OPI network
- Dedicated support and after sales service centre
- Australian made.

20 or 90 Second Polling Supervision – Point to Point Acknowledgement

The Guardcell GCWAI-DW sends a Polling message via its permanent connection to the DirectWireless Network directly to the Central Monitoring station every 20 or 90 seconds depending on the level of Polling supervision chosen by the end-user. Each Poll and Alarm message receives a Point to Point acknowledgment from the Central Monitoring Station. This method of alarm transmission supervision not only meets the Australian standards AS2201.5-1992 Class 1, 2, 3, 4 and 5 Alarm transmission systems, it exceeds all types of PSTN monitoring and dedicated Radio systems currently available.

DirectWireless™ Network – Dedicated For Security & Fire Alarm Monitoring

The DirectWireless™ network is a dedicated fully supervised and redundant service developed by SCSi. It provides a premium Grade 1 wireless alarm transmission network for the Security and Fire alarm monitoring industry. Unlike conventional PSTN wire line monitoring systems and dedicated Radio networks, the DirectWireless™ alarm transmission path is not affected by broken links in the chain such as Direct Line Concentrator break downs, Exchange outages or Repeater meltdowns, let alone a would be crook simply cutting the only communications link to the premises to gain entry. The DirectWireless™ network fully utilises the SingTel Optus GSM/GPRS and MPLS based IP Core network which has an extremely high level of up time of 99.95%. The DirectWireless™ network provides nationwide network wireless coverage to over 94% of the Australian population and its inbuilt level of security exceeds any PSTN or dedicated Radio system currently available.

Remote Diagnostics – After Sales Service Support

Guardcell™ DirectWireless™ offers you live installation support and after sales service direct from the manufacturers service centre. This service ensures an optimum installation and has proved invaluable to installers everywhere.

Dedicated Central Station Receiver

The Guardcell™ DirectWireless™ receiver is installed in many leading Central Monitoring Stations throughout Australia and meets all relevant standards for Graded Central Monitoring Stations. The entire Direct Wireless™

network and receiver systems are fully redundant from end to end to ensure constant ongoing reliable operation.

Guardcell™ GCWAI-DW Tri-Path Alarm Monitoring & Transmission System

SCSI's GCWAI-DW Guardcell is a complete supervised wireless primary alarm monitoring system with backup GSM and PSTN Paths. Guardcell™ transmits the signal through high security alarm transmission via the dedicated DirectWireless™ network to the Central Monitoring Station. Guardcell™ is unaffected by phone line sabotage or failure which is an ongoing problem with phone line based monitoring systems. Guardcell™ is designed to be quick and easy to install and provides for a plug and play installation to existing and new security systems. The unit is completely self contained in its own metal enclosure with power supply and back-up battery. This-all-in one solution ensures easy installation without being restricted to control panel type or location. Since Guardcell™ DirectWireless™ is designed to meet AS2201.5-1992 Class 4 & 5 Alarm transmission systems, and interfaces to any standard alarm control panel, the product is perfect for any installation and provides the highest level of security.

Features

- 20 or 90 Second Polling supervision test signals
- Lightning fast Point to Point acknowledgement of all alarm transmissions
- Monitors the back-up PSTN connection for line Voltage
- Monitors the back-up PSTN connection for Dial-Tone (Detects PSTN outages even in the event of temporary disconnection where line voltage is still present with no Dial-Tone)

- 3 x Alarm inputs with E.O.L monitoring and Open / Close input
- Plug and Play connection to DTMF dialer alarm system. Provides full communication over 3 paths DirectWireless™, PSTN and GSM networks
- Communicates all system fault and restore alarms via the DirectWireless™ network for; Polling Supervision, PSTN Line Voltage, PSTN Dial-Tone, Connected Alarm CPU, 24 Hr Tamper, AC Power, Low Backup Battery
- Communicates all events in standard Ademco Contact ID format
- Full installation and after sales support from the dedicated SCSi DirectWireless™ service centre
- Dual band 900/1800Mhz GSM/GPRS modem
- Australian designed to comply with AS2201.5-1992 Part 5 – Alarm transmission systems Class 1,2,3,4 and 5
- Patented SMD technology manufactured to ISO9001 standards
- Made in Australia.

Security monitoring applications where Guardcell™ Technology is employed:

SCHOOLS
FINANCIAL INSTITUTIONS
REMOTE PORTABLE SECURITY
NATIONAL RETAILERS
BANK ATM'S
GOVERNMENT

BONDING STORES
JEWELLERY SHOPS
PREMISES WHERE PSTN PHONE LINES ARE AT RISK OF BEING CUT
PREMISES THAT DO NOT HAVE ANY PHONE LINES
FIRE ALARM MONITORING

ph:

1300 555 570

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