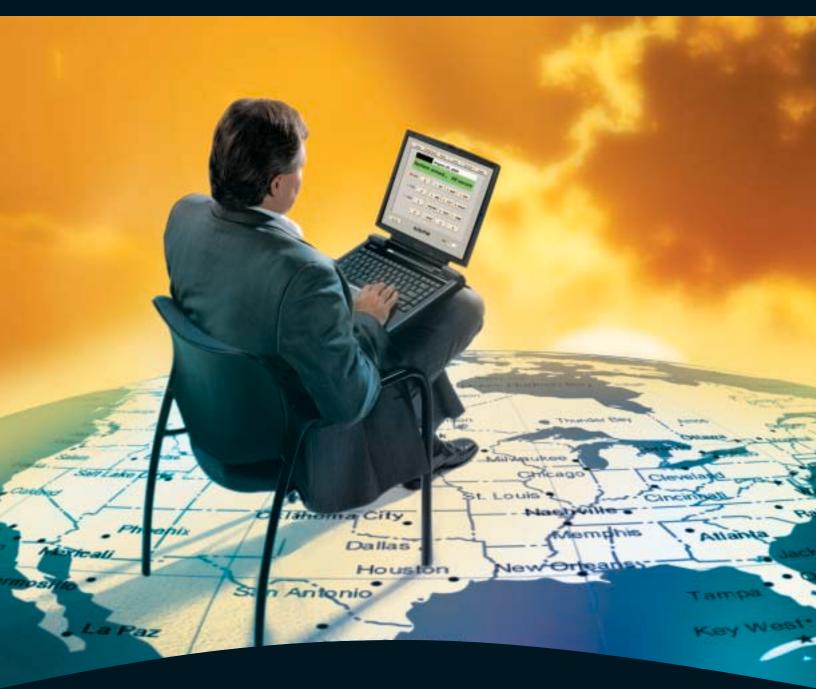# Digital Solutions

BOOST YOUR RMR AND SAFEGUARD YOUR ACCOUNTS

The Future of
Alarm Communications

Honeywell

INFRASTRUCTURE

AlarmNet has more than 20 years of experience providing alarm reporting for the security industry. We process over 2.5 million signals a day – almost one billion a year. It is the alarm industry's premier platform that provides alarm communications for more than 500,000 protected premises.

You just don't receive a reputation like this without leading edge technology and services. AlarmNet's substantial backbone provides unmatched service for its current customers and is **future-ready** for additional services as they become available.

The AlarmNet network's reliability is assured with a state of the art network control center that houses dedicated communications services and hardware platforms. Hardware servers and communication paths are completely redundant, with hot back-up databases housed in two separate locations. If one system were to have a catastrophic event, the other system can take over without any service interruption. Both locations are equipped with battery and generator backup along with technical support 24 hours-a-day, seven days-a-week for uninterrupted service. This level of sophistication allows us to handle alarm communication for UL and ULC listed security installations.

This exclusive network was developed to support new digital technologies and services which are replacing analog networks. Our new family of ground-breaking products utilizes GSM (Global System for Mobile Communications) technology, which was designed specifically for digital wireless communication. We have incorporated GSM's two services – GPRS and SMS – into our products. This enables you to offer your customers enhanced features such as alarm notification to a cell phone and provides you with such cost reducing features as uploading and downloading to control panels without the need for traditional telephone lines.

Advanced Communication Products

Honeywell brings you the most robust communications products available, developed with the highest level of reliability and with the future in mind. Our ground-breaking solutions such as Dual-Path and Triple-Path Technology increase the reliability of security communications so signals can get through.

7845GSM Dual-Path Digital Wireless Communicator

The 7845GSM delivers secure, reliable and complementary digital communications via the GSM network. It features our exclusive dual-path technology which utilizes GPRS for alarm reporting and data transmission, and SMS as back-up of alarm reporting should GPRS become unavailable.
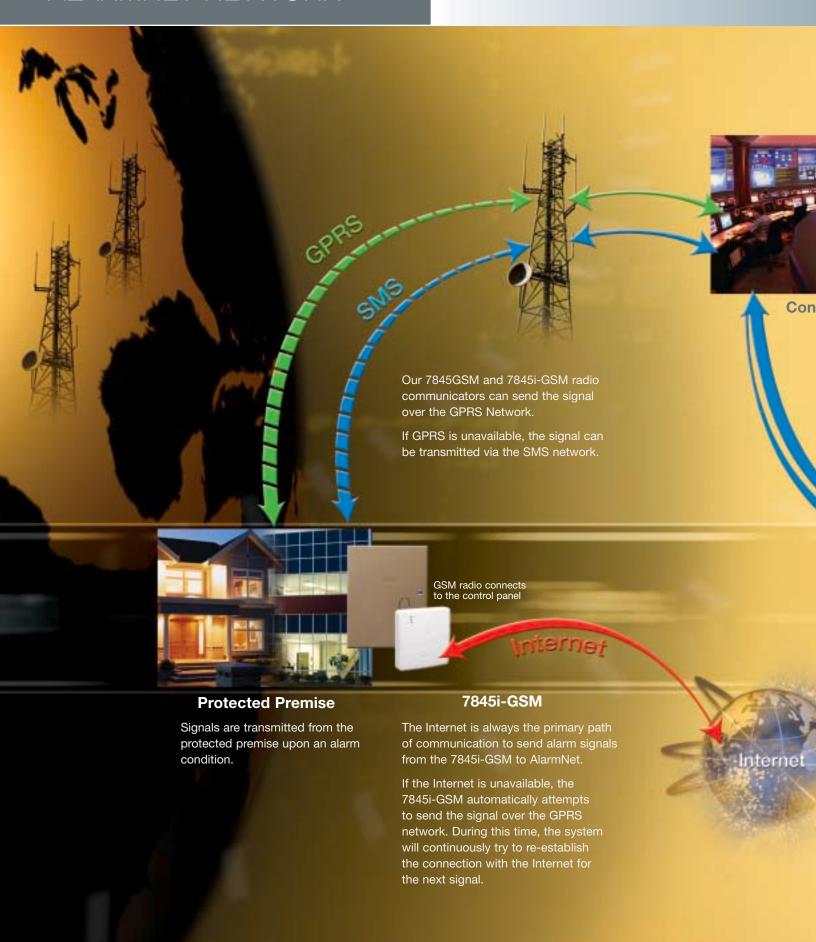
7845i Internet Communicator

The 7845i Internet Communicator was developed to take advantage of the growing use of the Internet for security communications. The easy-to-install 7845i provides sophisticated data security. The revolutionary technology provides an affordable and secure Internet monitoring solution.

7845i-GSM Triple-Path Digital Communicator

The 7845i-GSM combines the Internet communicator with a GSM radio in one convenient device. Our exclusive triple-path communications solution delivers added reliability and an extra level of security. Triple-path technology provides three paths of communication using the Internet, GPRS, and SMS. The Internet is the primary and least costly way to communicate. Should the Internet be unavailable, the unit can communicate using the GSM network.

7845i-GSM shown.
Includes power supply and
24-hour battery back-up.

ALARMNET NETWORK

GPRS

SMS

Con

Our 7845GSM and 7845i-GSM radio communicators can send the signal over the GPRS Network.

If GPRS is unavailable, the signal can be transmitted via the SMS network.

GSM radio connects to the control panel

Internet

Internet

Protected Premise

Signals are transmitted from the protected premise upon an alarm condition.

7845i-GSM

The Internet is always the primary path of communication to send alarm signals from the 7845i-GSM to AlarmNet.

If the Internet is unavailable, the 7845i-GSM automatically attempts to send the signal over the GPRS network. During this time, the system will continuously try to re-establish the connection with the Internet for the next signal.

Dual-Path and Triple-Path Communications

Our GSM partners provide our dedicated wireless network. Our family of products employs flexible GSM technology. For the 7845GSM, dual-path GSM communication utilizes GPRS and automatically switches to SMS if GPRS is unavailable. With the 7845i-GSM, Honeywell adds ground-breaking Internet connectivity along with GPRS and SMS technology to provide triple-path communication. In this case, the Internet is used as the primary path, with GSM technology as a backup.

trol Center

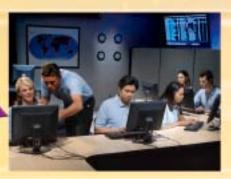**Dedicated Managed Private Networks**

The carrier identifies the GPRS or SMS signal as a Honeywell signal and manages this separately from all other signals on their network, to ensure that the signal is delivered to AlarmNet.

AlarmNet Network Control Center

Central Station

AlarmNet processes signals from powerful servers in multiple locations equipped with 24/7 infrastructure support.

The AlarmNet network consists of redundant hardware servers, hot back-up databases and generators with battery back-up at all locations to ensure continuity of service.
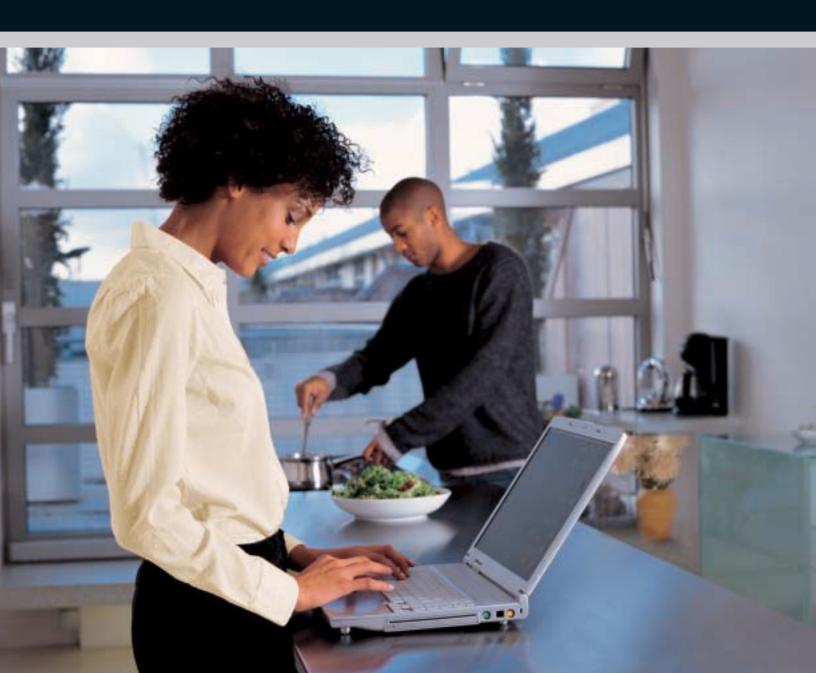
Signals from AlarmNet are transmitted to the central station's receivers using multiple communications paths consisting of the Internet, radio network or toll-free POTS service.

ALARMNET SOLUTIONS

With changes in technology come changes in lifestyles. Often these changes can present new challenges, but at Honeywell we see these as new opportunities. We've developed a suite of communications services that offer ground-breaking solutions that pave the way for you to increase your RMR, and in turn, increase the value of your business.

These unique, value-added services provide your existing and new customers with many exciting options for system control and notification that are not available from any other alarm communications provider.

User-initiated and Event-initiated Services

Remote System Control

Users can control the system and receive information through any text messaging device such as a cell phone or PDA. This service allows the user to:

- Request system status
- Arm or disarm
- Bypass specific zones
- Control outputs

Web-based Remote System Control

Through any web browser on a PC, PDA or web-enabled cell phone, the system can be controlled with a virtual keypad. Anything that can be done on a real keypad can be done on the virtual keypad.

Notification of System Events

For customers who require more personal reporting and a more customized communication solution, you can now offer reporting of a wide variety of system events. This highly personalized service reports via e-mail to any capable device, even cell phones.

In addition to system status, users can be notified of activity in various areas of the home or business, including:

- A gun cabinet
- A kitchen cabinet with household chemicals
- A liquor cabinet
- Doors to restricted areas
- Confidential file drawers
- Controlled substances

Video Notification of System Events

Can you imagine the value you will bring to your customers when you offer them the ability to see what is going on in their home or business while they are some-where else? Consider the business owner who's on vacation but still needs to "mind the store," the working parent who wants to keep an eye on the babysitter, or the adult child that wants to check up on Grandma and Grandpa in another city – the possibilities are endless!

Video notification is accomplished by adding Optiflex cameras to the security system. A picture or series of pictures can be sent to a PDA, cell phone or e-mail address upon the occurrence of a system event. This same video notification can take place for a pre-programmed non-critical event such as a child coming home from school.

Unsurpassed network infrastructure. Advanced communications products. Solutions that allow your customers to enjoy a better lifestyle. It's value like this that help you create long term, loyal customers.

And that's good for business. Your business.

Honeywell

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