Honeywell today announced a new wireless capability for the Galaxy® Dimension intruder alarm system and a broader range of wireless sensors for the hybrid G2 intruder alarm system.

With a combination of unique radio technologies in the control panels and a suite of new, integrated wireless sensors that provide comprehensive intrusion and environmental protection for businesses, wireless technology has never been more reliable for commercial applications. Superior performance, high reliability and enhanced flexibility are achieved using patented technologies including bi-directional radio, agile routing and wireless K-band DUAL TEC® sensors and detectors.

"The new wireless capabilities of our systems mirror changes in the way people are running their business, from small retail shops to large hospitals," said Yves Pichon, marketing leader Europe, Middle East and Africa, Honeywell Security and Communications. "Flexibility of design is more important than ever. Our wireless solutions offer a reliable platform for the commercial environment and give Galaxy Dimension and G2 new found versatility and functionality."
The new wireless sensors in the Honeywell range includes a Dual TEC® motion sensor, glassbreak detector, flood/temperature detector, and shock sensor. Other available sensors across the range of control panels include bi-directional panic buttons, passive infrared sensors (PIRs) with pet tolerant variant and door and window contacts. These are already available for G2 and Domonial control panels.

The Honeywell total wireless solution has been developed with both installers and end-users in mind. The Galaxy Dimension wireless solution is ideal for large installations such as hospitals and department stores. It provides new revenue opportunities for installers where the use of cables is not practical and removes the need for cabling maintenance. It significantly reduces the need for site visits as installers can carry out maintenance remotely and instantly using the Remote Servicing Suite (RSS) and Remote Routine Inspection (RRI) tools.

For end users, the Honeywell Galaxy Dimension wireless solution provides extremely high levels of security and reliability with minimal business disruption, cost and inconvenience. Installation is quick and easy and it provides lower maintenance costs due to the reliability of the system and
fewer required service visits.

The G2 hybrid solution with the new wireless DUAL TEC® sensors and detectors is ideal for small to medium sized businesses that are more prone to break-ins and false alarms typically caused by the number of the people using the system, interference from other equipment and external factors such as white light, especially in sites with large areas of glass. The G2 hybrid solution saves installers time and money on the installation and can be serviced remotely. No specific training is required. Like the Galaxy Dimension Wireless, the new sensors for G2 also provide new revenue streams - restaurants and shops also face risks such as flood damage and installers can now provide protection using the new flood and temperature sensors. Early warning detection using the new VIPER shock sensor also provides installers with a new service offering for their customers.

For the end-user, the G2 hybrid solution with advanced performance sensors is a more reliable security system, providing better protection and fewer false alarms. Installation is less invasive as no cables are required resulting in minimal disturbance to businesses and building/office redecoration is not required. In addition, they will receive better protection for vulnerable glass areas, as well as protection from any serious loss and damage arising from flooding or faulty equipment thanks to the environmental flood and temperature sensor.

The wireless DUAL TEC® motion sensor provides faster and more reliable detection using K-band microwaves to quickly verify the PIR signal prior to any alarm decision. Because K-band operates on a higher frequency, it is less likely to penetrate walls and glass, reducing false alarms and associated intervention costs. In addition, FlexCore™ and Flexguard™ technologies have been applied to Honeywell's new FG8M glass break detector, reducing alarms in buildings with large areas of glass by analyzing sound frequency, duration and amplitude.