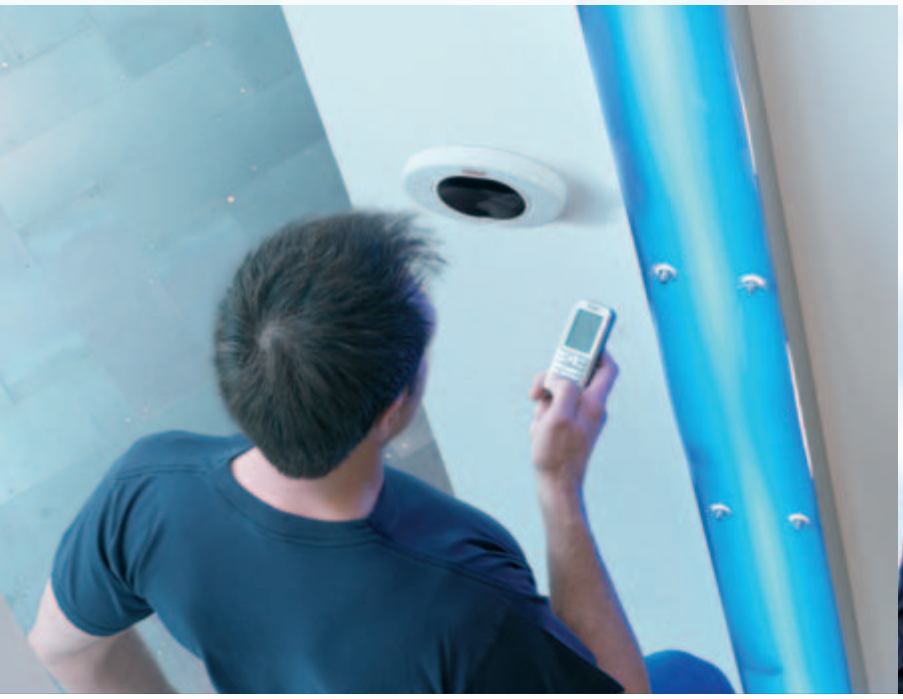
Advanced Intrusion Protection
Anywhere with GPRS/GSM

BOSCH
Invented for life



- Reliable operation in the most remote locations
- Site-to-site mobility without reconfiguration
- Built-in backup communications
- Protection against hacking
- No unauthorized access
- Single-user and multi-user solutions
- Rapid installation of new systems

Secure alarm transmission and remote service
The ITS-DX 4020-G, a new communication module for use with the Easy Series and DS7000 line of intrusion control panels makes it easy to install reliable, secure protection in areas that don't have access to a wired-telephone or installed-IP network. The module, developed by Bosch, uses secure, reliable cellular technologies -- General Packet Radio Service (GPRS) and Global System for Mobile Communications (GSM) -- to transmit and receive data.

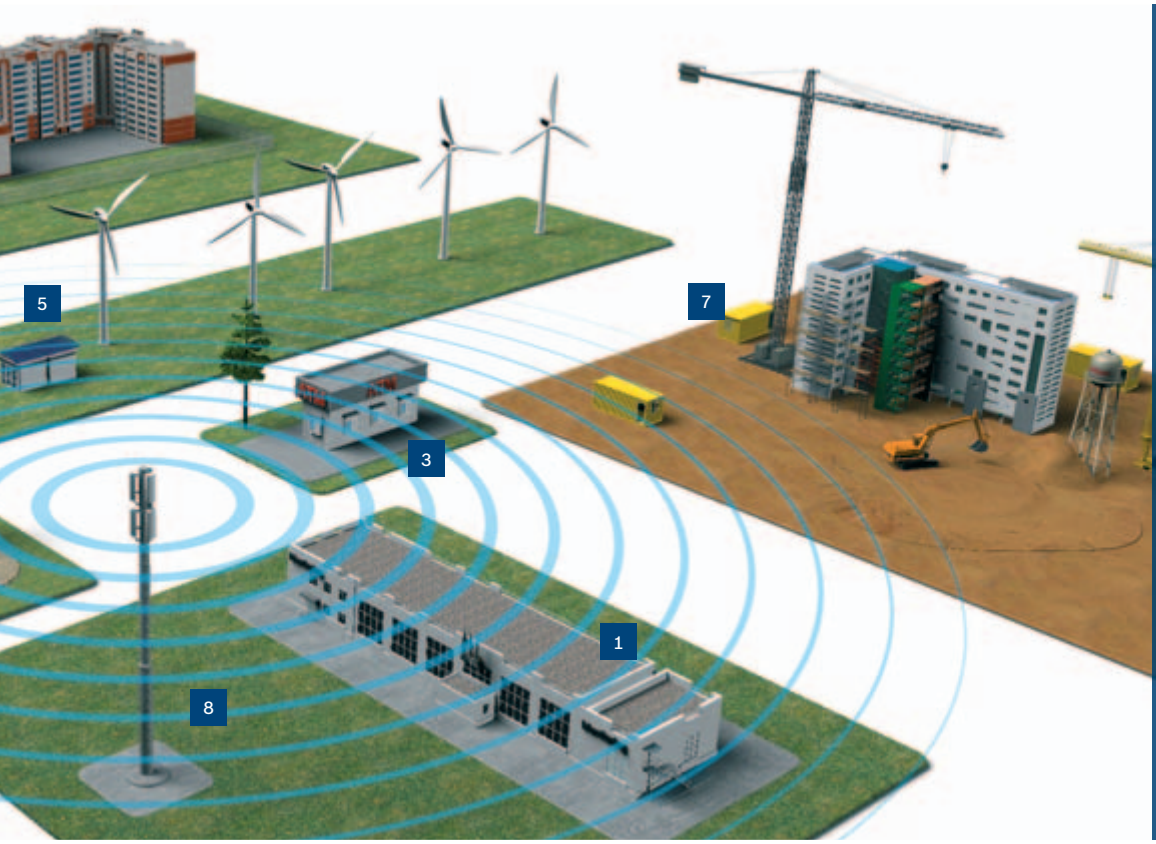
Secure alarm transmission with GPRS and GSM

The flexibility to transmit anywhere

The ITS-DX 4020-G module can be installed just about anywhere – solar panels, wind farms, bank ATMs, or a cottage outside a village – and can be moved from location to location without being reconfigured. It can even be used in situations that require mobility, such as trailers that move to new construction sites or mobile homes that travel to different caravan parks.

Total security for every premises

The module uses two technologies, GPRS and GSM, to ensure reliable operation with advanced security. As a default, the module uses GPRS to send alarms and technical messages, but, should the GPRS connection fail, the GSM format can be used as a backup. The GSM technology can be used to create a voice connection, so the person who receives the alarm can listen or speak into the premises in order to confirm the alarm.
Using cellular technology gives the alarm transmission an added level of security, since there's no need to worry about power breakdowns, problems with Digital Subscriber Line (DSL), router cables or damaged telephone lines.



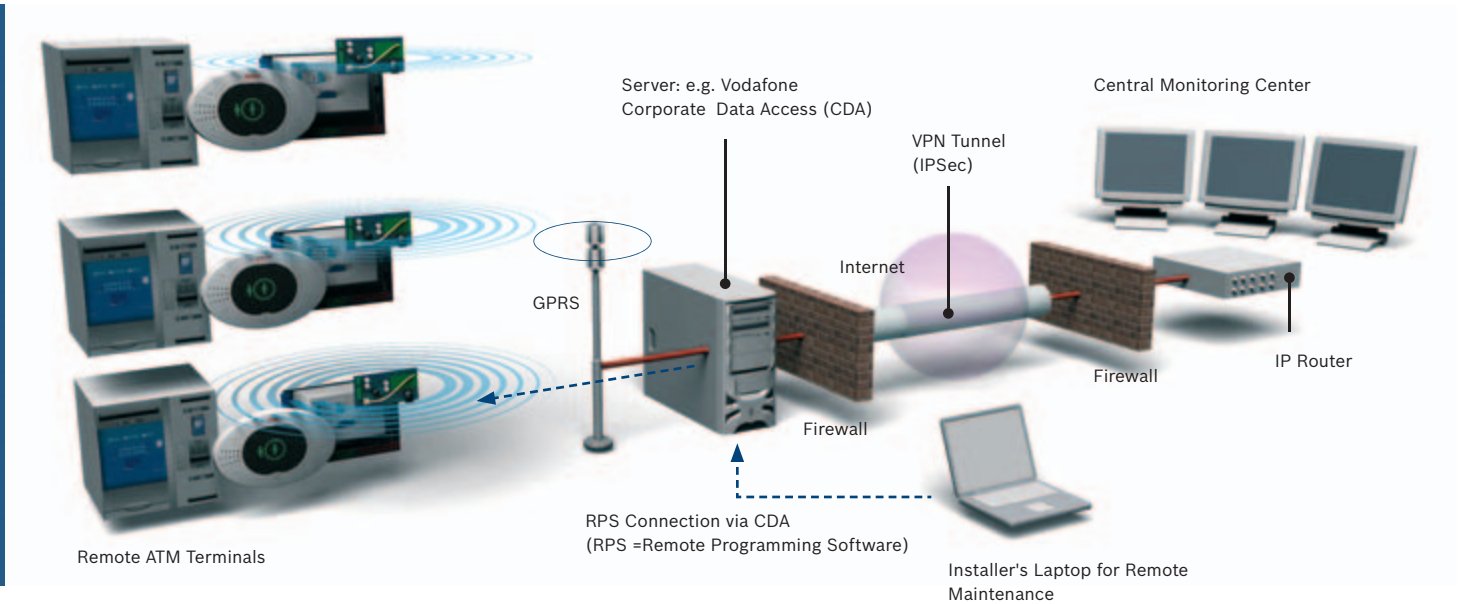
1) Central Monitoring Station
2) Remote Camping Site
3) ATM
4) Solar Power Field
5) Wind Power Field
6) Remote Guarded Community
7) Construction Site Containers
8) GPRS/GSM Pylon

An advanced service solution: Central control and remote maintenance

Alarm systems equipped with GPRS technology enable a new level of remote services. Maintenance teams, alarm installers or security personnel can log into the central alarm system remotely, for cost-effective monitoring and service. They can, from any location, download system configuration data, change programming settings, view event logs, support end-user operation of the alarm system, and more.

The ITS-DX 4020-G module works with the Easy Series and DS7000 line of intrusion control panels.

Ultimate wireless security for sensitive data



High Security

The ITS-DX 4020-G can be used with single-user contracts or within closed user-group contracts. For applications that need to be protected from external threats, a dedicated, third-party data service, such as e.g. Corporate Data Access (CDA) from Vodafone, can be used with a protected Internet Protocol (IP) tunnel. Data is transmitted in an extremely safe format, using the Triple Data Encryption Standard (3DES), the same method used by the electronic-payment industry to ensure against hackers.

Sample application: secure banking

As shown above, a dedicated third-party data service, such as CDA, can be used with a series of remote ATM terminals. Alarm message from the ATMs is sent to the Central Monitoring Center via the dedicated CDA service, which uses an IP tunnel (also known as a Virtual Private Network or VPN) to keep the data secure. Maintenance teams, alarm installers, or security personnel can access the alarm system using a laptop running Remote Programming Software (RPS) by Bosch. The RPS software supports full account management and panel programming, including remote diagnostics and a range of reporting formats.

Bosch Security Systems

For more information please visit
www.boschsecurity.com

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