

**everon™**

Always there for you

**Environment**



**Construction**



**Security**



**Access control**



**Retail**

**Nursing homes and Telecare**

## The intelligent, wireless monitoring and alarm system for a wide range of Telecare and Security applications.

Everon™ is at the leading edge of wireless alarm systems. Continuously monitored, plug and play wireless sensors and alarm buttons, combined with a GPRS hub allow wire free installation saving time and money. Everon has a wide range of input devices, ranging from personal alarm buttons to door and passage control, automatic fire sensors, property monitoring as well as a universal input/outputs to attach to 3rd party devices that need to be monitored and controlled.

Everon does not require any cabling, landline telephones or ADSL connections making Everon simple to install and to use and it's simple press and play means it is also easy to make changes and add new users or locations when required



### Confirmed delivery of alarms

Everon's intelligence doesn't stop at the devices. Everon controls the alarm process so that when the alarm is raised it goes directly to the correct specified cell phones. Everon even knows if and when the call is answered and when this has been confirmed, a text message is immediately sent to the specified cell phone. This text message includes all of the relevant information, including the location of the base station that forwarded the alarm. If for some reason Everon cannot deliver the call or the text message to the recipients cell phone it will start the alarm sequence again and try to the next person specified for that individual device. It is possible to make many different alarm sequences, one for every device and alarm type if needed. This means that alarms can be directed initially to the most qualified person to respond, then to a back up person and finally if no field response staff are available it can revert to a monitoring or call centre where response can be co-ordinated.

### Everon secure, continuous monitoring

**Power** - Everon base stations have battery packs to supply uninterrupted power in case of power failures. Because there is no direct connection to the telephone or data cabling the devices are not affected by voltage spikes caused by thunderstorms.

**Fault reporting** - Everon systems even report when a sensor is broken as it is the Everon server that sends the alarm and not the device. The Everon server continuously monitors the system and if a device malfunctions an alarm is raised. Technical alarms like battery alerts can be routed directly to maintenance personnel by email.

**Automatic re-routing** - All Everon devices can report through all Everon hubs meaning that even if a hub fails devices, within the area can report via an adjacent hub.

**No local PC or telephone** - Probably the most significant safety factor is that there is no need for any local PC application or telephone system that can malfunction and compromise whole system's functionality.

**System Security and back up** - Everon devices are at all times connected to the centralized server structure that resides in a telephone operator's secured and guarded premises. Constant connection and monitoring mean that the device status and operation are known at all times, keeping you in control even during a device failure.

## Different needs, one system

Everon is based on company's patented method for alarms delivery and management and was originally developed for use in care homes in Finland. However the range of applications has expanded to include industrial and security applications as can be seen below. The system is used in following applications:

- Nurse Call
- Dementia Care
- Passage control
- Gate/Door Phone
- Bed Alarm
- Fire Safety
- Washroom towel rental
- Construction site monitoring
- Burglar alarm
- Stove Guard
- Door control in emergency
- Activity Monitoring
- Device control
- Machinery monitoring
- Temperature monitoring
- Environmental monitoring



## Affordable and simple to use

Everon wireless design and centralised server structure results in dramatic savings in installation cost. The cost savings from removing cable installation alone are substantial. Everon is ideal for both new build and renovation and replacement projects. In new buildings, installation of the Everon devices usually takes place in the last weeks of construction and during renovation there is no need to worry about where to put the new cabling, there isn't any. When using Everon, devices can easily be moved to a new or temporary location without interruption in the service meaning Everon is ideal for temporary monitoring solutions during movement of facilities.

Installation couldn't be easier. In small installations it is simply the case of plugging in the base station in a suitable place with GSM reception, plug it into the wall socket and then make a test alarm from the Alert button bracelet to demonstrate to the user.

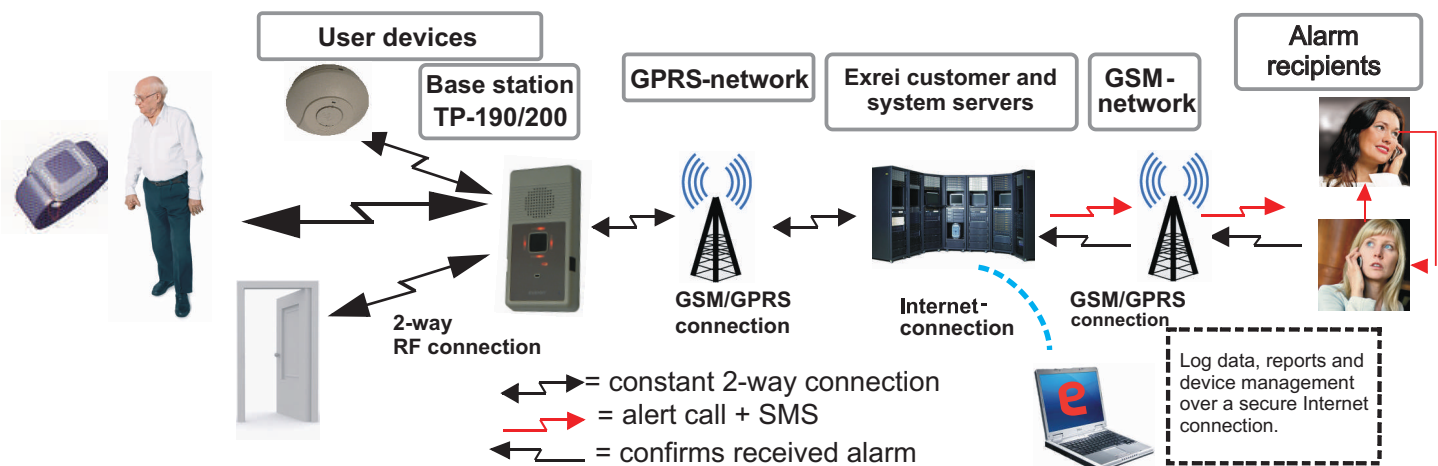
Devices like the alert button are easily attached to the system by just pressing a button.

With the "Press and Play"-concept people can add or replace devices themselves, which means that new devices can be installed without waiting, or paying, for a service engineer. Everon's and the mobile phone operator's support staff are continuously taking care of the alarm servers' functionality and connections meaning that basic level service support is always included in each system without extra cost.

## New features, customer-oriented development work

Everon™ is a system originally developed in Finland and it is constantly being developed and improved according to our customers needs. Everon is involved in international development projects which address the needs of the cares with modern technology as both helper and enabler.

## Everon-system description



## System control and logs always available

Everon system control is accessible over a secure Internet connection, like accessing a bank account online. People can have different access rights to manage the system. All users always have the latest version of the software in use because it is located on a server and doesn't have to be installed on a separate computer. The log reports and alarms data are safe in the server even if the user's computer or files are destroyed.

The Everon-system works automatically and is always on: hence the name "Everon". It is only routine changes in devices or residents names and changes to the alarm routings that have to be done through the user interface. Even then you don't have to touch the devices, the day and night shift alarm routings are applied automatically and because the system is centralised on a server, Everon customer support can easily assist or guide the users through any changes. New features and software updates are available to all users automatically and Everon personnel constantly monitor (24h) the servers that are in a secure data centre.

## Unique features for users' advantage

- Completely wireless system, no need for cables
- Free placement of base stations
- Device deployment with Press and Play button
- Up to 64 different devices can be connected to one base station
- Constant connection to an outside server structure
- Confirmed delivery of alarms
- System management over a secure Internet connection
- Always the latest user interface software version without license fees or compatibility problems
- The alarm telephones' functionality area is not limited
- No telephone switch or a parallel DECT-system needed
- Simple inexpensive phones and modern switch functionalities from cellular operator
- Waterproof alert buttons with long life batteries and comfortable bracelets
- Wearable alert button alarms are sent with location information through any Everon base station
- It is possible to connect different environment control devices for people with a handicap
- Space saving no central units, cabinets or cabling
- The devices use very little electricity
- Pre-alert from fire alarm can quickly be sent to personnel
- Fire exit door opening can be deployed from a fixed or mobile button
- Door and lock management, door phones, and passage control can be included in the system deployment
- Monitor lamps, corridor displays and acknowledgement buttons with time tags
- Expansions and adding new locations is simple

**Everon Oy Ab** is a company founded in Finland 1989 and it develops and delivers patented solutions in the fields of electronics, radio technology and software. It has R&D and sales subsidiaries in Sweden, United Kingdom and Canada.

The production and service of Everon devices takes place in Finland and Canada.

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