



Ascom Smart Sensor Solutions – Automatic Monitoring and Smart Alerts for Safe and Secure Living

- Improve resident safety with automated alerts based on resident activity
- Enable staff to use their time more efficiently and meaningfully
- Bring reassurance to residents and their families
- Invest in your facility's future with low-cost, high-value technology

The elderly care market is under pressure. Residents are living longer and requiring more care, while facilities' operating budgets are tight, putting pressure on limited staff resources. That's why, when it comes to resident safety, having individuals press a button for assistance is just not enough anymore.

There is an increasing need for individualized care and, to handle this demand given the growing resident population and workload, automatic activity monitoring must be in place. With new smart sensor solutions and software, the teleCARE IP system can assure unobtrusive monitoring and activity alerts that expedite needed assistance and aid in preventing potentially harmful events.

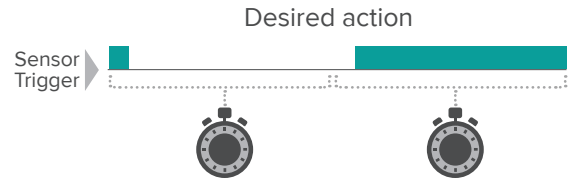
Delivered through a wide variety of sensors that can be connected to the ASCOM system either hard-wired or wirelessly, teleCARE IP provides the

functionality to create meaningful alerts for individuals and situations being monitored.

Utilizing a powerful user interface, staff can control the alerts from the various sensors and the notifications they generate. The management of sensor events is done through resident profiles, which apply to similar types of residents. Up to 16 unique profiles can be established, and sensors can be adjusted to a resident's changing care needs.

23:00
07:00

Sensor active window per profile



Sensor	Sensor Action	User Story	Off/On	Timer 1 (delay)	Timer 2 (notification)
	Active, when out of bed detected. Inactive, when in bed detected.	Resident needs to get back in bed by 15 minutes, if not then notify 10 minutes.	ON	15 minutes	10 minutes
	Active, when smoke detected. Inactive, when smoke cleared.	At smoke direct notification for 15 minutes.	ON	0 minutes	15 minutes
	Active, when motion detected. Inactive, when motion is absent.	If resident is longer than 10 minutes in the toilet, then 10 minutes notification.	ON	10 minutes	10 minutes
	Active, when door is open. Inactive, when door is closed.	If resident goes out the door then 10 minutes notification.	ON	0 minutes	10 minutes
	Active, when pressed. Inactive, when not pressed.	If resident presses the button then 10 minutes notification.	OFF	0 minutes	10 minutes

Some options include:

- Out-of-bed sensor, which notifies staff that a resident is out of bed for longer than a set period of time, (e.g. 15 minutes)
- Motion sensor, which detects that a resident is in the toilet for longer than a set period of time
- Smoke detector, which notifies staff of a potential fire risk
- Window/door-open sensor, which alerts staff to a potential elopement incident
- An adaptive (low-pressure) switch that notifies staff of a predefined resident action/movement

Key Features:

- Resident activity monitoring that allows staff to focus on residents who really need assistance, saving valuable time
- Event alerts that provide immediate details to assist in appropriate response
- Alerts configured and managed by staff, based on a resident's profile
- Easily adjusted alert notifications, to reduce false alarms so staff does not become desensitized to a high volume of meaningless alerts
- Flexibility that enables a wide variety of multi-vendor sensors to be used
- The ability to easily upgrade an existing teleCARE IP solution to provide resident safety enhancements without the price of a new system
- Scalability that supports adding or removing individual rooms as needed or incorporating throughout an entire facility

Key Benefits:

- A safer, more pleasant environment for all
- Unobtrusive monitoring that reduces disruptions and promotes independence
- Data that enables staff to focus attention on residents who need help – improving response times, productivity and outcomes
- A detection system that improves resident quality of life by allowing them to maintain their independence
- Improved staff awareness and efficiency through alerts sent directly to mobile phones
- Reduced stress for staff by being fully informed about the status of their residents
- Fewer undetected incidents, reduced risk of falls and early warnings of potential resident illness

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