

Ascom Sensors

Automatic monitoring and smart alerts for safe and secure living

The long-term care sector is under pressure. Residents live longer and require more care, while facilities' operating budgets are tight, putting pressure on limited staff resources. When it comes to resident safety, having individuals press a button for assistance is not enough anymore. At the same time, caregivers cannot constantly monitor residents. Even if they could, such monitoring would be intrusive; depriving residents of privacy and personal autonomy. But there is a solution: a combination of sensors and smart alerts.

Monitor with respect, act with speed

Ascom offers a combination of ambient sensors and smart alerts from Ascom teleCARE IP that automatically signals when a resident has triggered one or more alarm notifications. These sensors and alerts integrate seamlessly with Ascom and third-party systems, including a motion sensor and universal transceiver which can connect to multiple third-party sensors.

Maximum adaptability, minimum disturbance

The alerts configured by Ascom teleCARE IP can be filtered to reach pre-selected caregivers, with notifications being automatically passed to colleagues when unanswered or not responded to. Such filtered alerts can help minimize the risk of alarm fatigue for staff, and can contribute to a less stressful, more home-like environment for residents.

Alert notifications are easily configured to match individual residents. For instance, an out-of-bed sensor can inform caregivers that resident 'Z' has left his bed, and an alert can be distributed to the mobile handsets carried by the caretakers.



Key benefits

- Discreet monitoring and alerts solution promoting residents' quality of life, privacy and dignity
- Enhances mobility and socialization in a safe, controlled, calm environment
- Improved staff awareness and efficiency through alerts sent directly to mobile phones
- Fewer undetected incidents, reduced risk of falls and early warnings of potential illness
- Reassures residents' families: provides logs and records for audits and regulatory agencies
- More time for interaction with residents, less time spent on intrusive monitoring
- Data allows more time to focus on residents needs, improving response times, productivity and outcomes
- Reduced stress for staff as they are fully aware of their residents' status

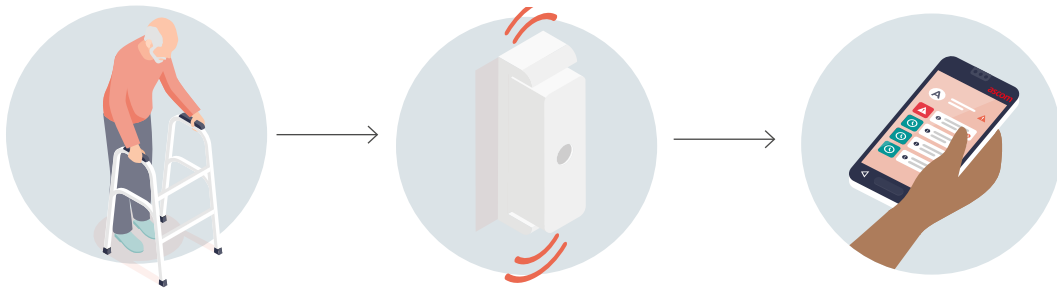
Configured and automated alerts

An Ascom teleCARE IP solution is highly customizable. Functionalities and features can be tailored to match existing and/or planned infrastructures and systems, including third-party installations. Ascom sensors also work perfectly with third-party sensors.

Alerts can be distributed to caregivers' mobile handsets, enabling them to communicate and coordinate responses while on the move.

Fast facts

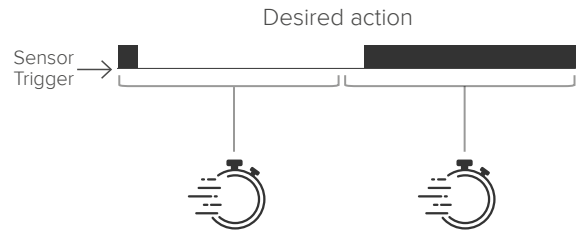
- A wide range of supported sensors
- Wireless sensors for easy installation
- Highly customizable alert settings
- Sensor alerts - included required details - sent to pre-selected recipients



Trigger - automatic signal - alarm notification



23:00 Sensor active window
07:00 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 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
	Active when smoke detected. Inactive when smoke cleared.	In case of smoke direct notification for 15 minutes.	ON	0 minutes	15 minutes

Some options include:

- Out-of-bed sensor, which alerts staff if 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 on 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 that a resident may be trying to leave the safe environment
- An adaptive (low-pressure) switch that notifies staff of a predefined resident action/movement, such as rising from the chair or out of bed

Key features

- Resident activity monitoring focussed 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 residents' profile
- Easily adjusted alert notifications, to reduce false alarms so staff do 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 without the cost of a new system
- Scalability supports adding or removing individual rooms as needed or incorporating throughout an entire facility



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About Ascom

Our vision is a world where the right information moves people forward. Our mission is to put the right information in the right hands at the right time so that people can make the best possible decisions.

We are a global provider of communication and collaboration solutions for the acute care, long-term care and enterprise sectors. Our solutions are based on intelligent integrations with software and hardware that are open source and compatible with third party solutions. Every single second, our systems generate large amounts of data, which we then turn into useful and actionable information. This helps us to bring data to life for people in the toughest operational environments, ensuring smooth, complete, and efficient workflows.

Ascom is headquartered in Baar (Switzerland), has operating businesses in 19 countries and employs around 1,400 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.