

# Independence & peace of mind with AAL



# Advantages for individuals, family members & carers

The flexibility of Loxone as an AAL solution not only benefits families wanting to keep their loved ones at home for longer before needing to move them into a care home, but it also suits the care home facilities in that it can be adapted to the needs of the residents, improve operational efficiency and reduce the manual demand on care staff.



## Reducing Care Costs

Professional care can be expensive. Loxone enables a more independent life plus the features can help reduce or delay the need for full-time care. This can, therefore, reduce care costs.



## Retaining Independence

Those in need of some care can continue to live their lives as usual without feeling like they can't take care of themselves anymore. The simply automation of lighting and heating, for example, can go a long way in them retaining that sense of independence.



## Notifications

In the event of an emergency such as a fall at home, family members can get a notification on their phones. Additionally, carers in a home could be notified at the nursing station if something may be amiss in a resident's room.



## More time

Whether it is a family sharing the responsibility of care of a loved one, or a team of nurses looking after several residents, the intelligent automation and ambient monitoring can reduce the amount of hands-on time required to care for an individual, allowing the time spent together to be more valuable.



# Ambient Assisted Living (AAL)

As our life expectancies increase, a large percentage of people want to grow old in their own homes and to be as self-sufficient as possible – even if some level of care becomes necessary. Early on, care is often given by family members, which can be difficult for everyone involved.

Automation can help provide support to families who want to look after their elderly relatives, whilst not appearing to be constantly watching over them. This is where Ambient Assisted Living (AAL) comes in. Loxone can take care of some of the daily tasks and even help with subtle monitoring so that the demand is reduced on relatives and careers alike.

The beauty of Ambient Assisted Living is that it's extremely versatile. This means that it can be used in a range of circumstances. Therefore, automation is not only helpful for the elderly but also for those with disabilities who may require extra assistance at home, for example.



# 12 ways Loxone enables independent living



Loxone technology can be integrated into any building and be adapted to suit almost any requirements. Here we've listed a few of the more common applications we've seen in Ambient Assisted Living environments to give you an idea of what is possible. You can discuss further possibilities with your Loxone installer.



**Emergency button**



**Enabling access for emergency services**



**Fall detection**



**Automated lighting**



**Zoned heating**



**Improved air quality**



**Behaviour change monitoring**



**Electrical device monitoring**



**Audible & visual reminders**



**Lockout protection**



**Night light**



**All-round protection**



# Products to improve daily life

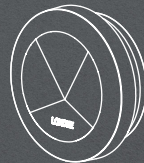
If someone in need of care lives alone, it's crucial to know when things are, and are not, okay - especially when there are no relatives or carers close by. We have a wide range of products that are great for use in ambient assisted living environments - they can be set up by your Loxone installer to meet the exact requirements of the user and any carers.



## Presence Sensor

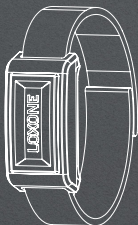
The Presence Sensor does exactly as its name suggests - detects presence.

Based on room types and various settings, the sensors can help to identify if someone may have fallen and is in need of assistance. Additionally, they have acoustic sensors which can be set up to detect loud calls for help.



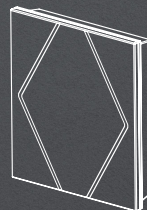
## Button Air

By the bed, in the bathroom, or wherever else you need it. The Button Air has a large surface area for the user to press when they are in need of assistance for whatever reason. The system can notify carers or family members and even be set up to prepare the home for help to gain access.



## Wrist Button Air

Hygienic, reliable, simple. The Wrist Button Air can be worn by users who would like peace of mind knowing that wherever they are in their home, they can trigger a notification calling for assistance in an emergency.



## Touch

The Touch switches are an intuitive way for a user to control the lighting and blinds in a room. However, the switches can be set up by an installer to control a variety of features in a room to meet the specific needs of the user.

# Making everyday life easier with Loxone

Ambient Assisted Living is very popular with organisations that offer regular assisted living facilities – such as the Lebenshilfe in German. They're a non-profit organisation who support people in all areas of life and provides them with the living environments that they need. The Lebenshilfe uses Loxone technology to help them offer Ambient Assisted Living.

»By using the intelligent technology of Loxone, we have created additional support for residents and caregivers. The technology performs many tasks in the background and supports our residents. We can give the residents even more security. This is especially important in times when there is no caregiver on site. In an emergency, the caregivers are automatically notified.« - Brigitte Swoboda, Board Member

[loxone.com/aal](https://loxone.com/aal)