

NEWS

Digital accessibility in care

Screens for ALL - duty of inclusion and benefits

2 April 2026, Tobias Engl



Germany is ageing faster than many other industrialized nations. According to the Federal Statistical Office, there were already 5.69 million people living in Germany at the end of 2023 who are considered to be in need of care within the meaning of the Long-Term Care Insurance Act - more than twice as many as at the turn of the millennium. The Wiesbaden statisticians' projections assume that this figure will rise by a further 37% to around 6.8 million people by 2055 due to the ageing of society alone. The main drivers of this development are the baby boomers born in the 1950s and 1960s, who will increasingly move into age groups with high care needs from 2030. Added to this is the well-known shortage of skilled workers: according to estimates, up to 130,000 additional full-time employees will be needed in long-term care by 2030 alone, which the labor market will hardly be able to provide.

In this structural pressure situation, digital technologies are increasingly coming into focus. They are not being discussed as a replacement for human care, but increasingly as a tool that simplifies processes, facilitates communication and enables residents to be more independent. At the forefront of this is digital signage - i.e. networked screen systems that can display information dynamically, centrally controllable and in real time.

- 5.69 million people in need of care in Germany (2023, Destatis)
- +37 %increase by 2055 due to ageing alone (Destatis forecast)
- 3,000-5,000 new nursing homes needed in Germany by 2030 (estimate)
- From notice board to real-time display

This is exactly where ScreenWay comes in, transforming senior care with intelligent digital signage solutions that see accessibility not as an add-on option, but as a fundamental design principle.

The digital transformation in care: more than just information

The potential uses of networked screens in care facilities are far-reaching and offer real added value in everyday life. While 5.69 million people in Germany were already considered to be in need of care in 2023 - a figure that is expected to rise by 37% by 2055 - the digital relief of staff is becoming a matter of survival.

With ScreenWay's 1-Stop Solution, digital menu boards replace illegible slips of paper in the dining room and display nutritional values and allergens in real time. In the entrance area, displays welcome visitors, help them find their way around and show daily programs. In front of the residents' rooms, digital door signs enable a personalized approach - for example with a familiar photo or the name in large letters. This creates a sense of security and orientation, which is particularly invaluable for people with dementia.

"Digital information screens from ScreenWay help people to find their way around better in everyday life and to access all important information independently."

Accessibility as a legal obligation: The BFGS 2025

What was long considered a "nice-to-have" has been a legal requirement since June 28, 2025. The Barrier-Free Strengthening Act (BFGS) stipulates that interactive kiosk systems and self-service terminals must be designed to be barrier-free. Violations can result in fines of up to 100,000 euros.

ScreenWay ensures that your facility is not only legally compliant, but also future-proof. Our systems consistently overcome the four central barriers:

-VisualWe use high-contrast, scalable fonts (at least 18pt) and clear pictograms.

-AuditoryText-to-speech modules and subtitles also give people with hearing impairments full access.

-PhysicalKiosk systems are mounted at a wheelchair-accessible height (80-120 cm) and designed to be wheelchair accessible.

-CognitiveShort messages and consistent, logical menu navigation reduce the cognitive load and prevent excessive demands.

Relief for nursing staff

An often underestimated factor is the time saved for care staff. When residents can independently call up information about lunch or the next shuttle bus at an interactive kiosk, staff gain valuable minutes for actual human care. Using a central content management system (CMS) from ScreenWay, all content can be updated with a single click - without printing, without distribution, without errors.

Conclusion: A screen is part of a caring facility

Digital signage in senior care is much more than a modern gadget; it is a tool for inclusion and dignity. In a city like Munich, which sees itself as a "cosmopolitan city with a heart" (for everyone), barrier-free digital participation is a sign of appreciation for the older generation.

Would you like to make your facility barrier-free and future-proof?

ScreenWay accompanies you from the initial needs analysis on site to the installation and training of your employees. We ensure that technology does not exclude, but connects.