



alea

Sensor-based incontinence-
and movement monitoring

Product booklet



ASSISTME
Smart Care Solutions

alea, or the question



How can your care experience and our digital solution merge into a sustainable care benefit?

By developing and optimizing our solutions with care givers and managers for care givers and managers right from the start.

alea unfolds care relevance where care needs exist and care data are not immediately visible: In the bed, in the bathroom, in the ICP, directly on the resident and in their rooms. *alea* transforms this initially hidden care and health data and converts it into digital, structured, immediately understandable real-time information for the care.

**For more safety and focus.
With less material costs.**



Get to know alea

We show you how simple, everyday and future-proof Digital Care Assistance is, developed over several years with care practitioners.



Julio Brandl
CEO & Founder

„Millions of people are affected by the need for care and are dependent on support. With our Digital Care Assistance, we are making a relevant contribution to more quality of life, more security and more relief for caregivers – in professional and home environments alike.“

How alea works



1. Data recognition

alea-Clip recognizes data from the IKP sensor strip (grey), e.g. urine level.



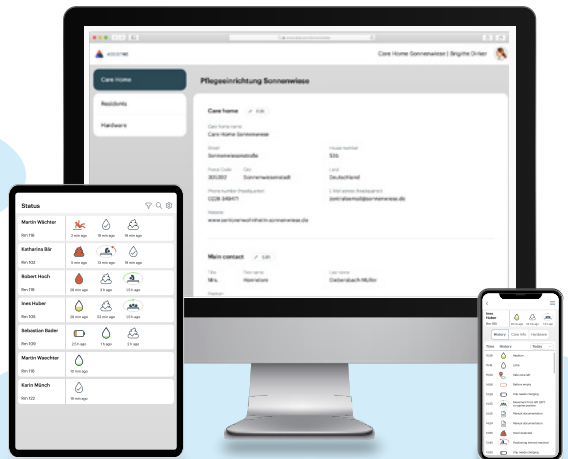
2. Data transfer

alea-Clip sends live data to *alea* Base Station.



3. Data processing

alea Base Station sends the data in real time and with its own transmitting chip to the AssistMe-Cloud, where our algorithms convert the data into care information.



4. Data use

From the AssistMe cloud, care-relevant information reaches the *alea* mobile app (caregivers) and *alea* web app (care managers).



Voices of care professionals

Caregivers from our partner
care homes report:

“It is a relief. I can arrange my rounds accordingly and have more time for the bedridden.”

“At first, I was skeptical and didn’t want to have anything to do with it. In the meantime, however, I have to say that I am satisfied because it brings something. I can rely on the system when I do my rounds.”

“Overall, it is helpful. Especially when you are behind on your IKP change on the ward, you can prioritize through the system.”

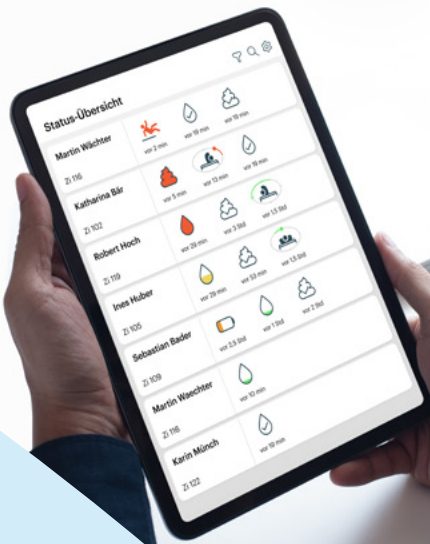


Voices from managers in charge of care

Care managers from our partner nursing homes report:

“We can rely on the system and only wake up residents when there is a need for an ICP change.”

“The system really helps my team. We base our routine rounds on the respective ICP status and go first to where action is needed. I also quickly observed that we could skip routine IKP changes because the IKPs were still dry. This means we can save on IKP. It took us a little while to adjust to the system. But in the meantime we rely on it.”



Professional functions

Urine and stool detection as well as monitoring of IKP urine levels with IKP sensor strips and *a/ea* clip on the IKP

Movement monitoring (e.g. in bed) for efficient positioning

Fall detection

Presence monitoring with zone setting (e.g. for walking tendencies)

Resident management and analyses for the development of care needs with the *a/ea*-Web-app

Real-time care status displays and notifications in the *a/ea* mobile app for iOS (Apple) and Android

Infection detection (in planning)



Care benefits and usefulness

Support in wound care and **decubitus prophylaxis**

Rapid **prophylaxis of falls**

Reduction of danger to self and others

Reduction of comorbid diseases and existing symptoms

More care time, less material expenditure and more sustainability thanks to

- Reduction of leakages
- Reduction of ICP consumption
- Reduction of waste
- Reduction of laundry changes
- Reduction of hygiene article consumption

Reduced workload for care professionals with increased job satisfaction (less fluctuation in the long term, fewer sick days)

No haptic and audiovisual disturbances for the care recipients

High **acceptance by the care staff** thanks to **scientifically based and field-tested application**

Universal advantages

Patented sensor technology

Highest data protection standards according to **DSGVO** (GDPR) in all product components

Automated transfer of care-relevant data into existing **care documentation software**

Direct and easy to use thanks to **plug & play approach**

No separate IT infrastructure (e.g. WLAN) necessary - we supply all components incl. **LTE**-transmitting docking station

No batteries or extra chargers required – we supply **rechargeable IT** with a long service life

Automatic updates for hardware and software for low-maintenance use

Modern **open interfaces** (API) for seamless

connection of relevant software for seamless care processes

Further functions can be used additionally and integrated at any time thanks to the platform approach

Our Mission



We are digital pioneers for scientifically based and practice-proven assistance solutions for care. Our mission is to effectively support caregivers and care recipients through our interconnected applications.



ASSISTME
Smart Care Solutions

How to get alea



Care Software as a Service: All solutions in one system. For Care Homes, Hospitals and Home Care.

Simple. Comprehensive. Transparent. Flexible according to your needs on site. You can implement *alea* in your facility to the extent you need it. Today and at any time. Care facilities that want to use *alea* receive the following components, depending on their needs:

Smart incontinence products (IKP)

Cost per item or unit of measure

Option A: Leading ICP brand* with the *alea* sensor strip

Option B: We turn your ICP brand into a smart ICP (retro-fit model) and apply the *alea* sensor strip to your IKP.

alea | Sensor-based Incontinence and Movement Monitoring

Licensing costs per care recipient and month



All **components** included via license usage:

- *alea*-Clip (for attaching to the Smart IKP)
- *alea*-docking-station (for charging the clip and data transfer)
- *alea*-Repeater (signal amplifier for common rooms)
- *alea*-Mobile-App (use by care professionals)
- *alea*-Web-App (use by care managers)

All existing *alea* **function modules** included at the start:

- Incontinence management
- Decubitus prophylaxis
- Fall monitoring
- Zone management (presence monitoring)
- Stool detection (in completion)
- Infection detection (in planning)

Central **services** included:

- Regular over-the-air updates for your hardware and software
- Delivery, on-site testing and implementation
- Data transfer costs via LTE and rechargeable hardware
- Starter training for your staff
- Ongoing customer support (e-mail support, service hotline etc.)

* We are currently in final negotiations with a leading manufacturer of incontinence products.

How to get started with alea



1

We analyze your requirements

- Recording of the actual state of the care home (number of care recipients, prevalence of diseases, number of nursing staff, etc.)
- Recording of the technical conditions on site (e.g. Wi-Fi and the technical infrastructure connected to it, as well as the condition of the living areas, floors, etc.).
- Joint preparation of the implementation for the optimal training of all users in your facility.

6

We start alea in your care facility

- Active use starts when all components are working correctly (by approval)
- We inform the responsible managers about AssistMe customer support.

2

We implement your alea

- After the needs analysis, we deliver all solution components
- We set up web and mobile app accounts, including the shared use of login data
- On-site project planning for technical implementation

5

We check the functionality of the equipment in your institution

- Final check of connectivity between clips, base stations, repeaters and AssistMe cloud

3

We train you to use the alea web app

- Workshop for care home managers, care managers and QM staff
- Setting up residents incl. assigning the hardware to the respective residents
- Analysis of the data relevant for the care home or residential home

4

We train you to use the entire solution in practice

- Workshop on the use of the mobile alea app on mobile devices such as smartphones and tablets
- Training on the various functionalities of the app (meaning of the icons and symbols, incl. corresponding issue of a laminated overview manual)



Future prospects

With a smart, adaptive and automated form of data processing and preparation, *alea* opens the way for future-proof, digitally supported everyday care.

As an initial component of the AssistMe care platform, *alea* enables a contemporary, efficient care data culture for future intersectoral, networked processes and digitally supported teamwork.

In the end, the aim is to effectively support care in times of a shortage of skilled workers through more self-determined content transparency - with complete personal autonomy and freedom of action and less redundancy and stress.

Our partners from care, science and business



ASSISTME
Smart Care Solutions

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here to make
an appointment
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