

HEALTH@HAND

VISUAL INFORMATION
CENTER FOR HEALTH CARE

The Health@Hand technology is mobile and web-enabled. The staff is able to access and interactively exchange the information center data from anywhere via mobile end devices such as tablets.

Your Benefits:

- Early-stage detection and intervention in case of malfunctions and in critical situations
- Freeing up nursing and hospital staff by means of additional digital assistance
- Integration of state-of-the-art digital proceedings and therapies
- Availability on all conventional operating systems as well as completely mobile and web-enabled

Our Services

Our interdisciplinary "Visual Assistance Technologies" Competence Center has the know-how, the experience and the capabilities to develop solutions for mobile, interactive and visual document management for customers. In doing so, we rely on state-of-the-art research findings and visual computing technologies.

**FRAUNHOFER IGD: THE INTERNATIONAL LEADING
INSTITUTE FOR APPLIED RESEARCH IN VISUAL COMPUTING**

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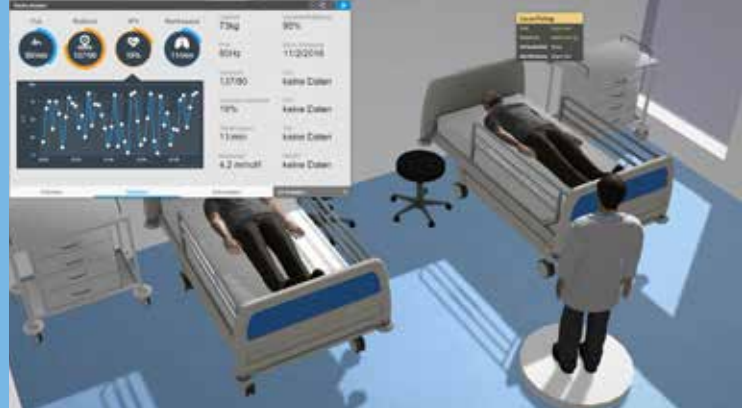
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Progressive digitization also changes the working conditions in the healthcare sector. Complex amounts of data must be managed efficiently in order to identify critical situations at an early stage and assess their urgency.

The Solution

Health@Hand is a visual to be used at nursing homes or hospitals. Health and administrative data are visualized on a virtual image of the real ward. Here, the information center serves as a supportive tool for the decision-makers on site, be it the senior physician, head nurse, nursing staff or controller. Information is summarized and visually processed so that multi-layered contexts can be comprehended faster.

In the process, the information center analyzes the data at hand in several stages. Key figures for the entire ward can either be displayed completely or viewed in detail – for instance for individual rooms or for a selected period of time.



Applications

Health@Hand provides the following information on any facility clearly and to the minute:

- digital patient and vital data,
- room occupancy and capacity,
- personnel scheduling and sites,
- situation assessment of malfunctions or incidents,
- room data and cleaning / disinfection logs as well as administrative data.

It is the goal to simplify the monitoring process at a ward, instantly detect malfunctions and thus make it possible to intervene at an early stage.

Efficient Technology

Health@Hand supports decision-makers at nursing homes and hospitals. The information center allows for:

- the integration of different data sources and systems (hospital information management, quality control, documentation, vital tracking),
- the interactive visualization of data via a multitouch table,
- the option to easily follow the modifications of a ward on the virtual model.