



Solutions for the digital hospital

The future at the patient's bedside

Our Mission

“Digital integration at the point of care offers many advantages for the hospital and its patients, and forms the focal point of our business.”

ClinicAll integrates a wide range of software solutions into a common digital platform, which is provided to the physician and the patient.

Medical technology is developing at a rapid pace, with advancements in diagnostics and treatment methods as well as hospital equipment. The complexity of data management, administration tasks and logistics is on the increase. This places high demands on hospitals as the cost involved in renewing medical devices and applying modern treatment methods is high.

However, modern information technology also provides the key to answering these challenges. Admittedly, this technology needs to be implemented rigorously to bring about its advantages. ClinicAll has been committed to this task and has created a comprehensive product portfolio to help clinics to unlock the potential of digitalization: Fast, powerful processing of hospital and patient data, decreasing workload for physicians and medical staff and creating cost advantages.

Figures & Trends

Digitalizing the Healthcare System

21%

annual growth of the global digital healthcare market from 2015 to 2020 to approximately 233 billion US dollars

Source: Papers by Roland Berger and Arthur D. Little

73
days

every 73 days, the volume of patient data doubles – until 2020

Source: Life Sciences, February 2016 edition

83%

of patients see a backlog in digitalization processes of the health care sector in Germany

Source: Deutsche Apotheker- und Ärztebank (apoBank) + Statista, 2018

70%

of patients in Germany are in favor of the electronic patient health record

Source: "Patienten-Radar", vitabook 2018

96%

of opinion leaders forecast a slight or significant improvement in treatment quality

Source: Health-I Initiative Techniker-Krankenkasse and Handelsblatt 2015

79%

of German clinics incorporate digitalization measures when restructuring

Source: Roland Berger hospital restructuring paper 2016

73%

of opinion leaders believe that healthcare digitalization needs to catch up compared to other sectors

Source: Health-I Initiative Techniker-Krankenkasse and Handelsblatt 2015

Products and Solutions

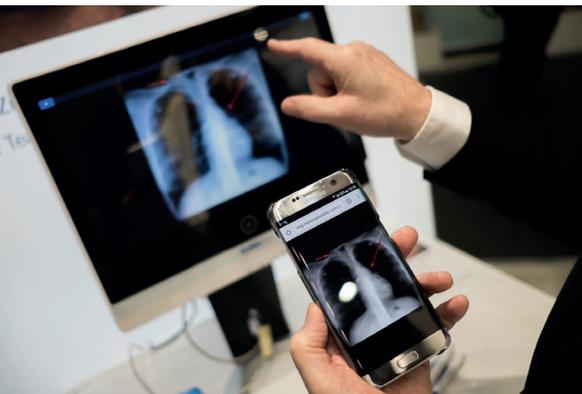
ClinicAll creates a direct and modern connection between **physicians, medical staff, and the patient** – we offer easy-to-use TV and internet services for patients as well as a system platform for the digitalization of many major clinic processes.



Software & Bedside Terminals

Digital hospital communication for maximum user convenience, directly at the bedside – TV, internet, phone and much more

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The Platform for Hospital Services

We bring together apps and features from many providers **onto a single platform**

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The ClinicAll App

Patient comfort and state-of-the-art hospital communication **on any mobile device**

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About ClinicAll

ClinicAll provides **the interface between the hospital operator and digital services**. Our software solutions and apps support seamless interaction between patients, physicians, and medical staff. Many hospital services are already successfully integrated in ClinicAll – and more are added at regular intervals.



One unified interface for doctors, medical staff and patients

ClinicAll was formed in 2008 and operates in various countries in Europe, the U.S. and Middle East today. Since then, our business has focused on the development and rollout of digital services in hospitals. In the beginning, the primary goal was to provide a modern entertainment system for patients that offered more options than the simple TV sets typically in use at the time. We developed our own software and a well-designed, versatile technological basis for the ClinicAll system.

The ClinicAll Software was launched for Windows devices in 2012, and in addition the new ClinicAll App has been available for iOS and Android since 2018. All of the leading operating systems are therefore supported. Today, we focus our development work on fulfilling hospitals' requirements for modern, efficient, and inexpensive solutions that simultaneously offer a level of treatment quality and patient comfort that is second to none.

Software & Bedside Terminals

Digital hospital communication for maximum user convenience, directly at the bedside – TV, internet, phone and much more



Infotainment and hospital services at the bedside

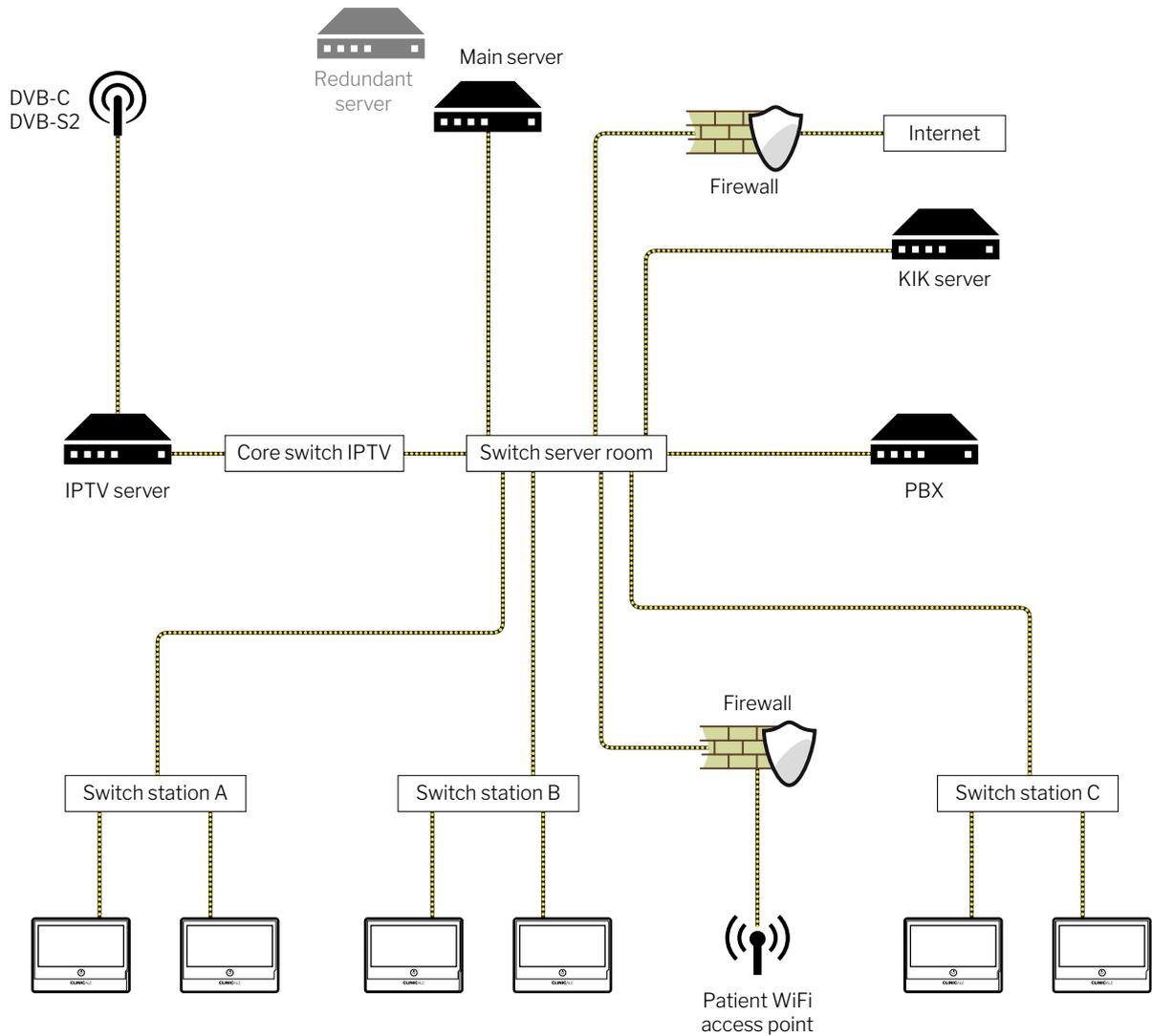
ClinicAll offers hospitals full support for making the move towards a modern, digital information system – from planning to day-to-day operation. ClinicAll bedside terminals are installed directly at the point of care, the patient's bedside, and connected to the modern world of media. Integration with the hospital's own HIS system provides access to a wide range of hospital services.

Here, patients can enjoy all the comfort that modern information and entertainment offers: TV, internet, phone services all in one device. In addition, the systems can be connected to the HIS, and many clinic services can be integrated, such as room and bed control, digital food ordering or soft nurse call.

ClinicAll Software

ClinicAll has spent many years developing and perfecting its proprietary HIS software, which offers optimal support for meeting the needs of hospital and patient alike. For hospitals, the ClinicAll software offers the option of integrating many digitalized solutions into one single platform. Entertainment and high-quality information services are offered to patients – significantly improving patient comfort.

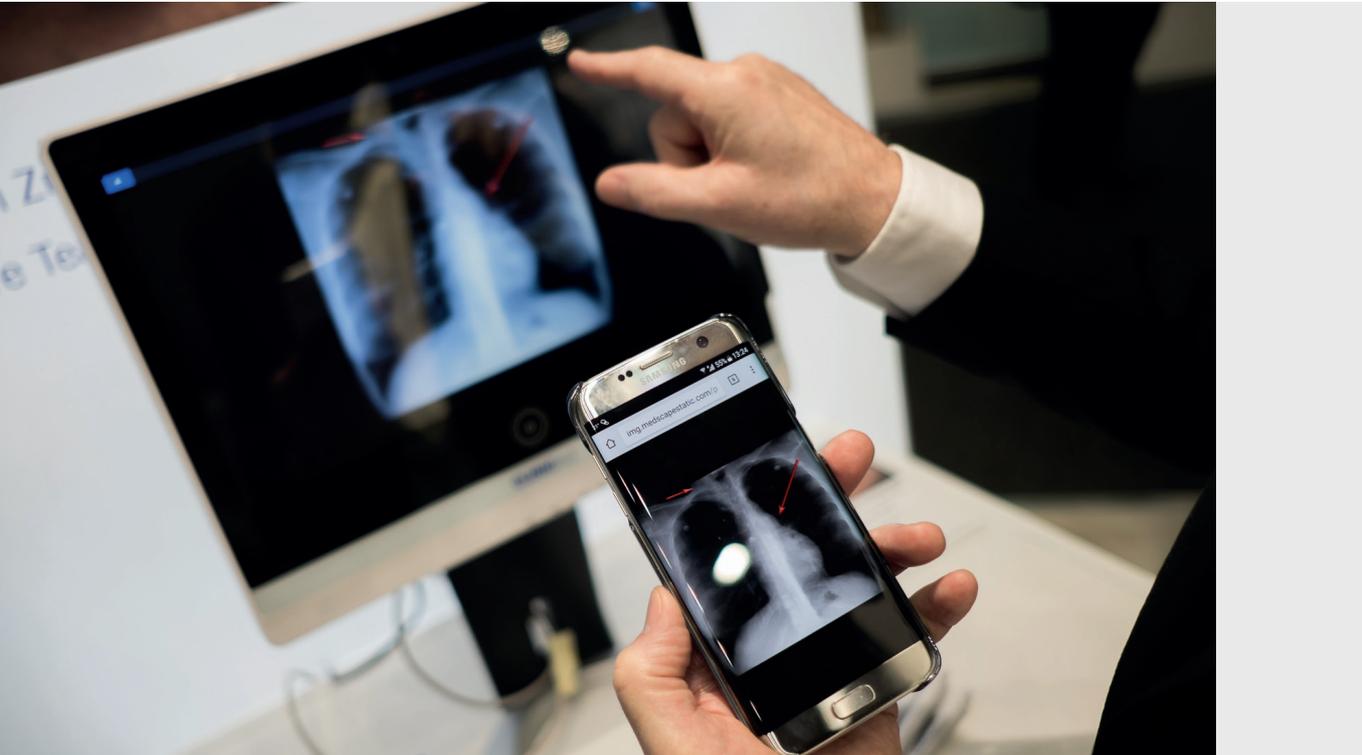
Hospital Network



Usability and security are two key aspects of the ClinicAll system design. The hardware runs on a Windows operating system and uses a ClinicAll application developed exclusively for use in hospitals. A strategic alliance was formed with Microsoft back in 2012 to develop and provide software solutions for the medical healthcare sector.

The Platform for Hospital Services

We bring together apps and features from many providers **onto a single platform.**



Fit for the present and the future

ClinicAll provides a software and hardware platform that can be quickly and flexibly adjusted to the individual requirements of any hospital. Individual services and apps from many leading IT providers have already been integrated into ClinicAll systems. Some examples follow:

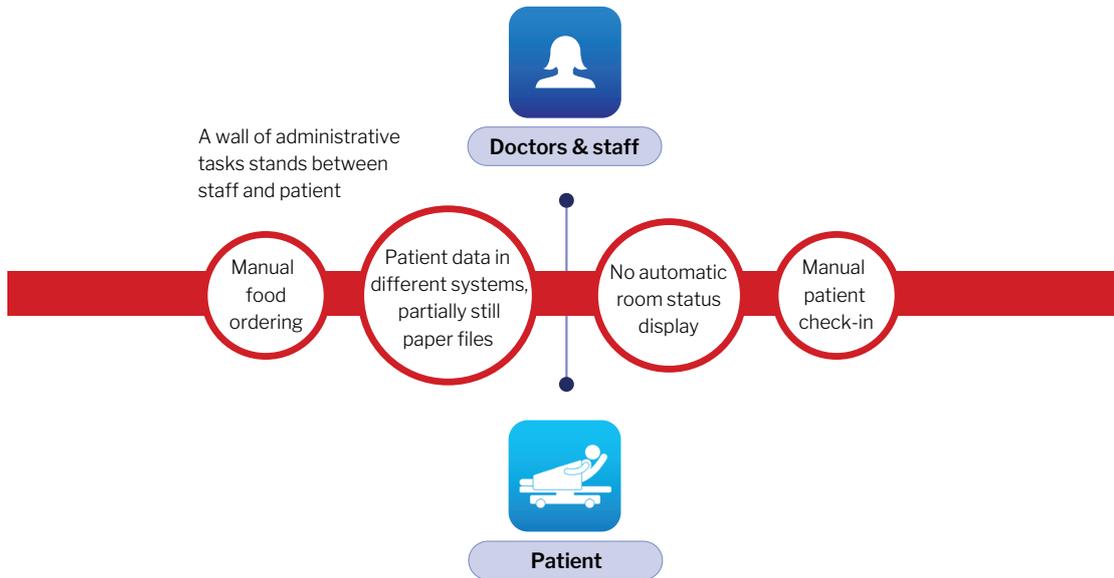
- Infotainment (TV, phone, Internet, etc.)
- Digital meal ordering
- Bed and room control
- Soft nurse call
- Automated patient check-in
- Room status monitoring
- Push messaging
- Patient information and education
- Physicians and medical staff have secure access to patient data from any terminal

We are also specialized in collaborating with clinics to realize any further bespoke requirements.

What the Digital Hospital Can Do

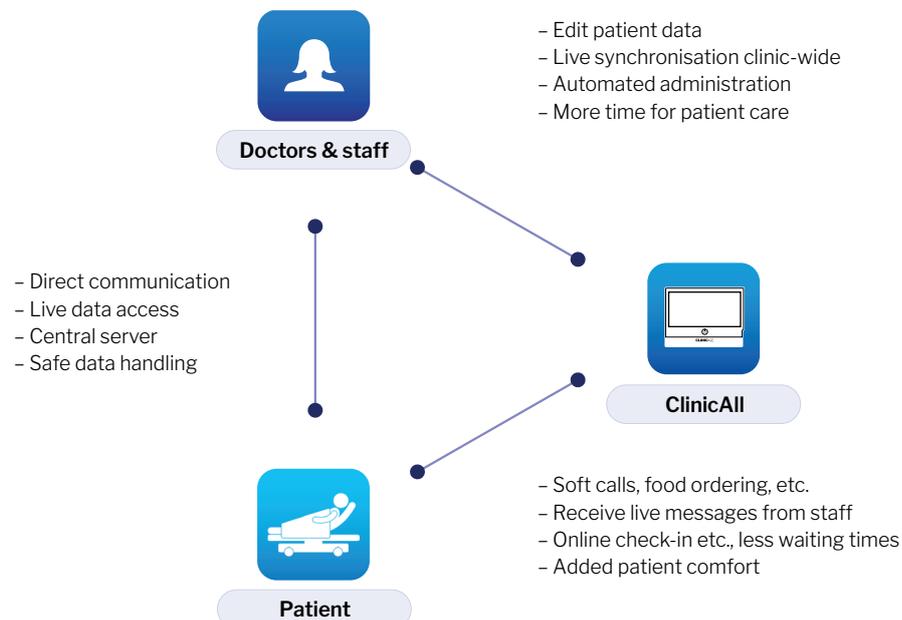
The problem:

The work routine in hospitals and clinics is cumbersome and inefficient. Extensive administrative processes hinder doctors and medical staff from being able to concentrate fully on the real task at hand: the patient's medical well-being.



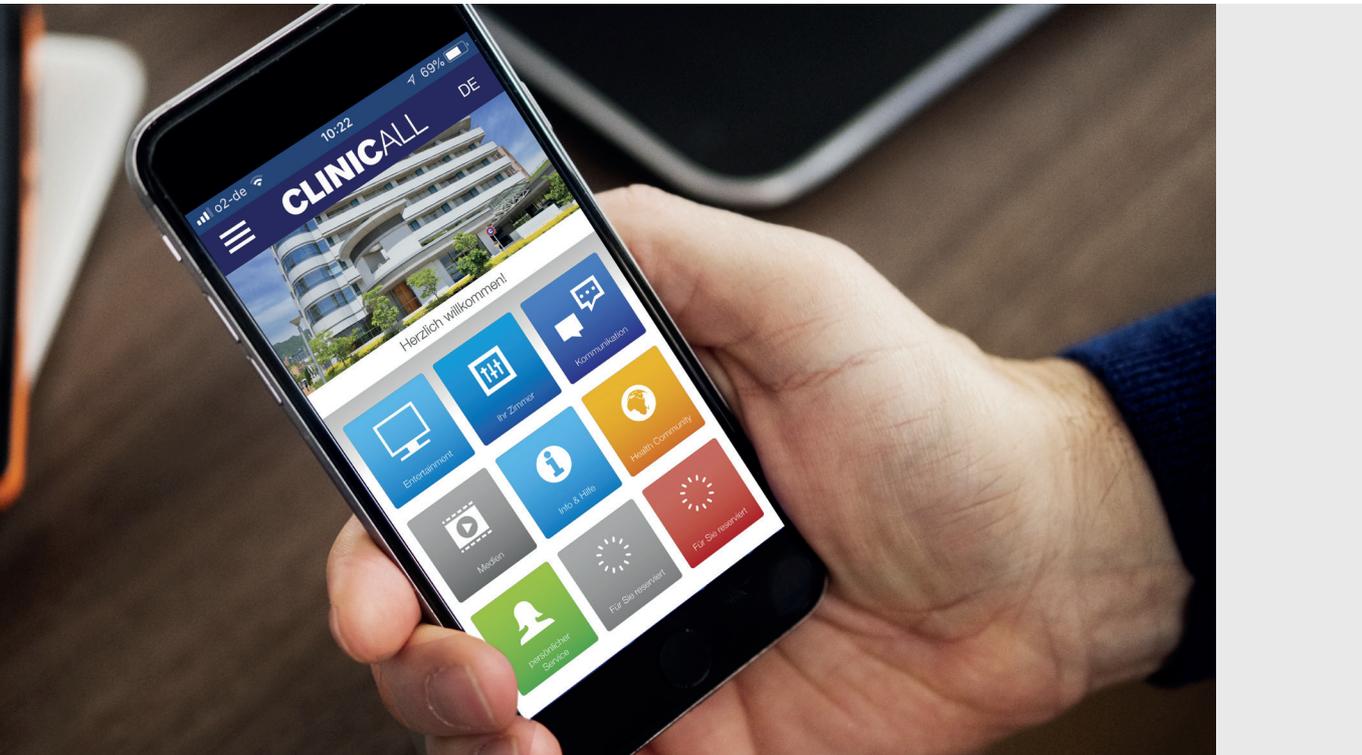
The solution:

ClinicAll's software bridges the gaps between everyone in the hospital by providing data sharing and a means of communication within the full environment. Hospital staff and doctors will save valuable time because the ClinicAll system aids in performing administrative and non-medical patient needs. More time can be spent to address medical needs and care for the patients. Because the data is saved and updated automatically, there are significant savings of time and less chances for errors in data entry.



The ClinicAll App

Patient comfort and state-of-the-art hospital communication
on any mobile device



A new hospital experience!

The new ClinicAll app gives patients and hospitals independence from bedside terminals. Just open the new ClinicAll app on your smartphone to experience how simple and straightforward communication in the hospital can be! Medical staff and patients are in direct contact with one another – all made possible by live status updates on connected devices and push messaging!

Android or iOS – bring your own device!

The ClinicAll app runs on Android and iOS devices: smartphones and tablets that patients typically bring into the hospital with them anyway.



Integrate services



Independent of bedside terminals



Improve treatment quality



Reduce cost save time

Patient Services on Mobile Devices



Are you currently staying in hospital?

Open the ClinicAll app on your device and see how easy it is to use the TV, Internet, or to call up all the information that your hospital makes available to you: Your treatment appointments, your next lunch. You can even use the app to control the room lighting or your bed! Your doctor and hospital staff can conveniently give you information about upcoming doctor's visits via push messages. And you can call your nurse at any time using the ClinicAll app - making all communication incredibly easy and uncomplicated!

Operating the new ClinicAll app is amazingly simple:

Patients can download the app from their operating system's App store. They will receive a personal access code for the respective hospital's information services. Furthermore, hospital staff and doctors are all able to communicate with the patient: If, for example, an upcoming doctor's visit or treatment appointment is shown to the patient via push message, a message on the room status display in the nurses' office informs the medical staff as soon as the patient has read the message.

Are you healthy again and have you been able to leave the hospital?

Keep the ClinicAll app on your device and receive interesting news and information on the topics of health technology, ClinicAll, other affiliated clinics and cooperation partners.

Scope of Functions (Examples)



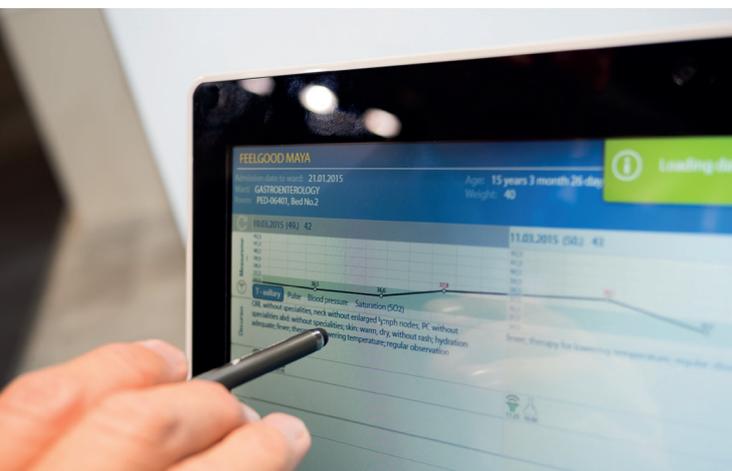
Hospital information system

- Secure access to HIS
- Card reader for direct authorization for staff to call up patient data
- All entries are stored centrally and available immediately across the entire clinic



Digital patient admission

- Digital patient registration system
- Patients can register to the hospital themselves
- Name, room number, initial treatment plans etc can be printed on the attached printer
- Automatic update of room status and all other relevant patient data in HIS



Vital signs collection

- Patient data is stored centrally immediately after it has been entered to the system

Ward trolley

- With integrated ClinicAll terminal
- The doctor's visit on his round is automatically announced just beforehand on the patient's terminal
- Records vital data and stores them centrally



Watch Your Baby

- Video and audio transmission
- Direct contact between parents, baby and medical staff



Eye control

- Eye control enables patients with limited mobility to control the mouse pointer and enter commands
- Minimal effort required to adapt the system to the patient's eyes for usability without tiring



The scope of functions shown on these pages are examples of the possibilities offered by the ClinicAll information systems. We are also specialized in collaborating with clinics to realize their further bespoke requirements.

Scope of Functions (Examples)



Room Status

- Easy monitoring of room status on each ward
- Patient name, hospital room allocations and patient status announcements and soft calls are displayed clearly in each ward
- Automatic synchronization on all devices: the patient sees a status announcement as soon as the nurse confirms his/her patient call



Digital meal ordering

- Integration of the hospital system to permit ease of meal ordering and patient services
- The system automatically shows the available menus for each patient in line with the treatment plan
- Tracking of individual menus via integrated RFID chips is possible



Room control

- Room lighting, blinds etc. can be conveniently controlled via the terminal
- The system's multi-tasking capability means the TV or radio program is not interrupted

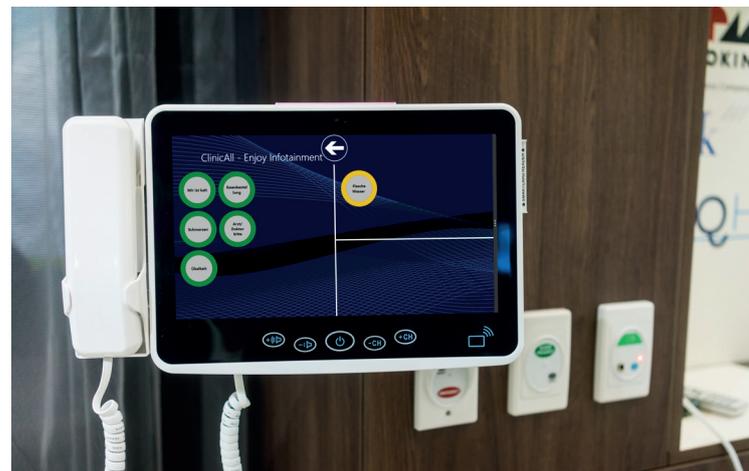
Bed control

- Bed control via the ClinicAll terminal
- The system's multi-tasking capability means the TV or radio program is not interrupted



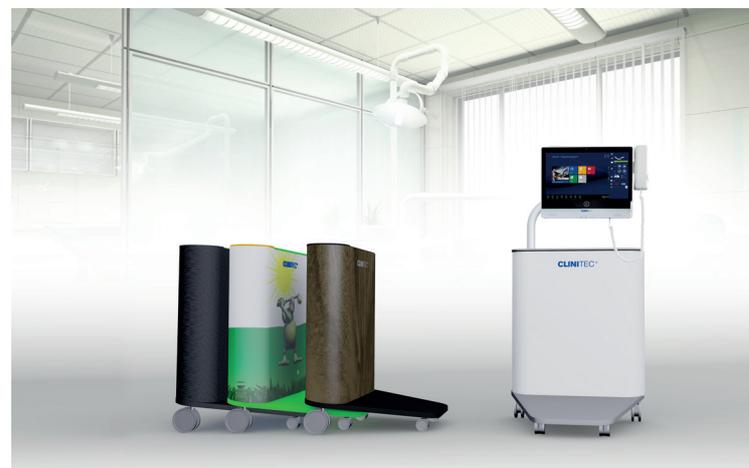
Soft nurse call

- Extensive nurse call system, immediate differentiation between emergency and soft calls
- Displaying room status and status announcements for patients ("The doctor is coming, please remain in bed") are managed centrally and displayed in real-time on all devices



CliniTec Box

- A mobile bedside terminal for hospitals (completely redesigned in 2017)
- The terminal can be moved and used flexibly across the hospital
- Individual color design possible



The scope of functions shown on these pages are examples of the possibilities offered by the ClinicAll information systems. We are also specialized in collaborating with clinics to realize their further bespoke requirements.

Digitalization can make a change

ClinicAll offers highest user convenience – the only way to **significantly increase patient comfort.**



Hospitals have been relying on clinic-own IT networks and hospital information systems for quite some time, and these create the very basis of a modern, digital hospital. Yet, hospitals are still in danger of replacing the previous analogue, paper-based administration with digital data administration that is still time-consuming. Saving time is not achieved simply if doctors and medical staff no longer fill in forms with a pen and paper but with a computer.

Why the user experience is so important

Our experience in hospital operations over recent years has shown that there is demand for comprehensive solutions. In addition to the pure data administration task – which can principally be solved from a technical viewpoint by implementing HIS – the systems need to focus on the user: a digital hospital not only needs to be able to manage and store all data securely and centrally, it must also be user-friendly.

Hospitals also need such a solution as it is the only way they can use digitalization to save time and cut costs to the promised extent. The digital hospital should, therefore, offer doctors, medical staff and patients a modern, convenient, simple and intuitive user experience via suitable interfaces and devices, as professional work environments – such as hospitals – call for the same user friendliness that we are used to in our private lives.



Modern people are used to very high convenience standards when dealing with digital media and devices in their everyday life: smartphones and tablets enable each and every one of us to access and deal with an increasing volume of information quickly, intuitively and informally.

Besides secure data administration and cost efficiency, it is the informal, self-evident processing of such data and smooth communication among all parties involved that is crucial for digital solutions to be successful. This is key to increasing acceptance and, finally, to enabling full, profitable integration in daily hospital routines.

The route from entertainment apps to the digitalized hospital

ClinicAll offers a comprehensive solution concept to integrate digital apps in one single platform that is open to physicians, medical staff and patients. Several individual features such as service calls or access to patient data are possible. ClinicAll is specialized in integrating interesting third-party apps into this platform so that access to new features can be vastly simplified.

This way, our hard- and software are future-proof and ready for any new demands and applications that might be introduced during the digitalization of hospitals. The ClinicAll software platform in all hospitals can be supervised, controlled and updated via secure remote access.



ClinicAll USPs

ClinicAll offers a one-stop solution: A **future-proof digital product** for hospitals, combined with **attractive operator models**.

1

Future solutions from one provider

ClinicAll has developed a full-service solution for hospitals spanning long-term planning to daily routines. Software and devices are continuously updated with state-of-the-art technology. We have also anticipated many of the requirements that the e-health legislation will mandate in the future.

2

In-house software development

Our in-house software development ensures maximum performance and flexibility in the implementation of specific healthcare requirements such as interfaces for various software solutions. ClinicAll also cooperates with software and hardware partner companies worldwide.

3

Attractive ClinicAll operating model for clinics

Hospitals and other healthcare providers often struggle to raise funds for big future investments. At the same time, ClinicAll is looking for a solution that generates long-term revenue. This is why we have developed an operating model under which the healthcare provider does not have to assume the capital costs in installing ClinicAll systems:

1. ClinicAll covers the cost for the end devices and their installation
2. Direct billing with patients for the use of entertainment packages
3. There is no financial risk for hospitals
4. Long-term contracts (usually at least eight years) for the operation of the ClinicAll systems

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