



**ALL IN ONE, ONE FOR ALL!**  
Communications in the healthcare sector

ISO  
9001  
Certified

ISO  
13485  
Certified



# THE TECHNOLOGY PLATFORM FOR COMMUNICATIONS ORGANISATION AND CARE



HEALTH CARE



**ONE SYSTEM – MANY FUNCTIONS**  
VISOCALL IP brings together care, information, service, organisation and billing in hospitals using a common functional platform. IP-based network technology forms the economical, secure and extensible structure for all functions and services in the care sector.

**MAXIMUM FAIL SAFETY**  
VISOCALL IP is made up of decentralised blocks that communicate independently with each other. There is no centralised control unit, thereby eliminating the possibility of a total system failure. VISOCALL IP is certified in accordance with VDE 0834 – proof of its high level of reliability and permanent system availability. The redundancy concept also provides an extra level of security.

## THE ADVANTAGES OF A SINGLE SYSTEM

A multitude of different systems is accompanied by a multitude of possible sources of errors and complicated maintenance. Reducing many systems into a single one increases security and minimizes costs

## ECONOMICAL TO INSTALL AND OPERATE

Modular software functions make it possible to assemble the system for every operator individually and in a cost-optimised manner, as well as allowing the extension of system functions without needing to interrupt operation. Plug & play system devices and the use of "IntelliFIX" self-disconnecting plugs reduce servicing and operating costs.

## STAFF WORKLOAD IS EASED

Precise information is available quickly and on the move. The devices are intuitive to operate and help to set priorities. The speech function frees staff members from making unnecessary journeys. This saves time and resources.

## FIRST CLASS SERVICE & ENTERTAINMENT FOR PATIENTS

A hotel-like feeling, offering state of the art convenience and a comprehensive range of services, increases the attractiveness of every healthcare establishment.

# INTEGRATING MULTIPLE SYSTEMS OPENS UP NEW POSSIBILITIES



**NURSE CALL**  
Communication between the patient and nurses or among staff members ensures rapid and reliable help in all situations.

**VoIP Telephony**  
Remain in touch with the world from your patient bed.

**RFID**  
Contactless smartcards register the presence of caregivers and other staff.

**TV + MULTIMEDIA**  
Music and information across many channels. Entertainment and service at the highest level.

**INTERNET AND INTRANET**  
Access to the latest information and entertainment.

**ROOM CONTROLS**  
Simple controls for lighting and blinds via conventional technology or an intelligent bus control system.

**CARE DATA LOGGING**  
Completely new options for logging care data directly at the hospital bed.

**AUDIO MANAGER**  
Permits targeted announcements to patients or staff members..

**INTERFACES**  
For exchanging data and for communication connections between different systems- e.g. mobile devices and databases.

**PATIENT SERVICES**  
Patients can, for example, look up information about their illness or can pre-order their menu.

**MOBILE SUPPORT FOR STAFF**  
Forwarding of alarms, calls, fault messages etc. to mobile devices like smart phones, tablets, DECT and WLAN telephones

**BILLING**  
Cost-effective software solution for billing fee-based services like telephony, TV and Internet access.

# LOW TOTAL INVESTMENT AND COST-SAVING OPERATION



## Better sound and picture quality.

The Multimedia Terminal with a crystal-clear television picture helps to make everyday life for patients and residents varied, informative and relaxing.

## Many functions, simple to operate

From classic call triggering through to being able to control room lighting and blinds up to selecting radio or TV channels.

## Multimedia Terminal:

### The highest level of comfort.

TV, films, Internet, telephony, games, patient information and the widest range of services – such as menu-based ordering etc. can be called up via the Multimedia Terminal.

### Operating devices for every requirement.

The selection ranges from the simplest push button up to a patient handset with TV remote control and VoIP telephone.

## Everything is available to make the patient feel comfortable.

Cultural, social and technological developments have led to constantly increasing demands in healthcare: Patients not only expect the best possible care, but they also expect vitalizing surroundings with every possible comfort.

## Informed patients make a doctor's life easier

Patients can inform themselves using multimedia about their illness, about the diagnosis and options for treatment at any time. This eases the time pressure on the doctor and gives the patient the feeling of being informed in greater detail.

## Entertainment improves patient care.

Varied entertainment increases the well-being of patients, distracts, informs and frees up capacity for efficient patient care.

# MAXIMUM SECURITY TO PROTECT PATIENTS



## THE MOST IMPORTANT THING: THE SAFETY OF PATIENTS

The primary aim of nurse call systems in hospitals is to support people in emergency situations, offering quick assistance. Reliability and fault-free functioning therefore have the highest priority.

## FAIL SAFE SYSTEM

The intelligent elements of VISOCALL IP can work without a network or server - this means that the standard system can work independently of an IT network. Additional security is guaranteed by the innovative redundancy concept - on the server level as well as the backbone level. It is especially convenient for expanded system functions which require a server.

## Conforming with VDE 0834

VISOCALL IP is certified in accordance with VDE 0834 and therefore fulfils the highest requirements for security and reliability.

## ANTIFUNGAL SURFACES

The VISOCALL IP operating devices feature antifungal surfaces. Special plastics demonstrably reduce the spread of pathogens thereby ensuring improved bedside hygiene

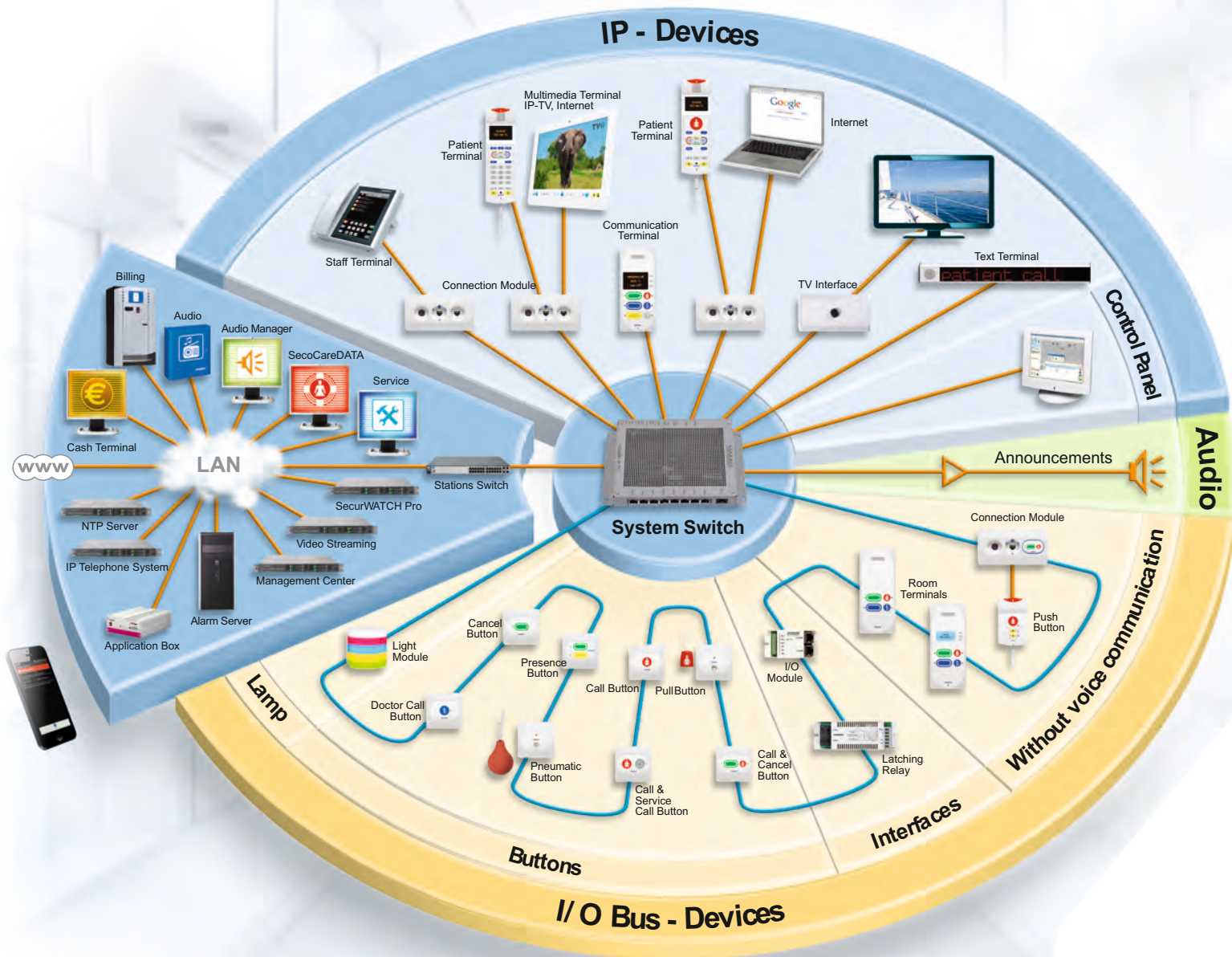
## UNDISTURBED IN ITS OWN COMMUNICATIONS NETWORK

VISOCALL IP uses its own network within wards. Faults in external devices (e.g. diagnostic devices or EDS systems) do not cause the system to be compromised.

## AUTOMATIC FAULT DETECTION

VISOCALL IP is self-monitoring; system faults are automatically detected and are forwarded immediately to the technical staff member responsible. Detailed fault descriptions are issued immediately to mobile devices via pagers, DECT, smartphones or tablets.

# SYSTEM OVERVIEW



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