



**HEALTH CARE**

**VISOCALL IP**

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



# 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.

### 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.

### 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.

### BILLING

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

### 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.

## INTEGRATING MULTIPLE SYSTEMS OPENS UP NEW POSSIBILITIES



### 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

## 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.

### 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.

### 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.

### 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.

### 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.

### Conforming with VDE 0834

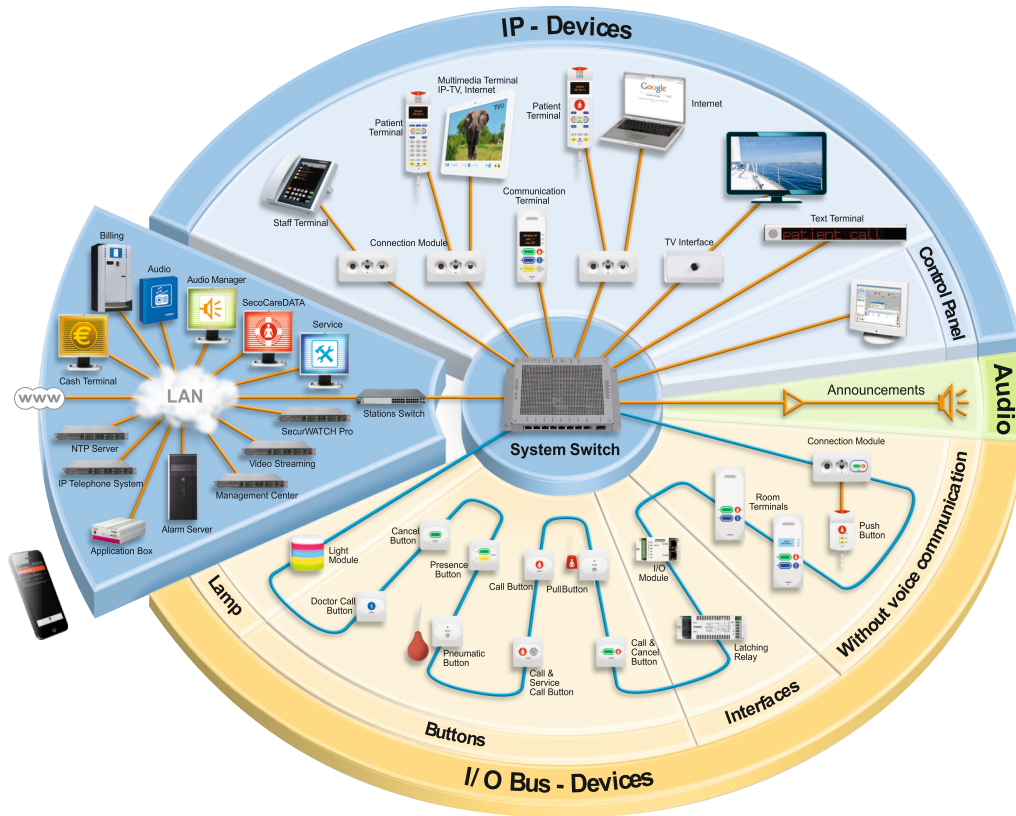
VISOCALL IP is certified in accordance with VDE 0834 and therefore fulfils the highest requirements for security and reliability.

### 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.



## OUR SOLUTIONS

- Pneumatic Waste & Laundry Collection System (PWLCS) • Pneumatic Tube System (PTS) • Bio-Medical Waste Treatment System (ISS)
- Central Sterile Supply Department (CSSD) • Modular OT / ICU / Emergency Room / OT Integration • Medical Gas Pipeline System (MGPS)
- Oxygen Generation System (OGS) • **Nurse Call System (NCS)** • Automated Storage & Retrieval System (ASRS) • Burns Ward & Equipment
- Hospital Furniture / OT Table & OT Lights • Curtain Track / IV Track / Wall Guard • Smart Bin System (SBS) • Electric Track Vehicle (ETV)
- Municipal Solid Waste Treatment (MSW) • Automated Pharmacy Dispensing System (APDS) • Hospital Consultancy & Designing on Turnkey Basis

### Manufacturing Division:



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