

Make care easier.

# CONCENTO CARE

Modular nurse call system  
for sustainable care



**Tunstall**

Make care easier.  
With safety and living comfort.



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# CONCERTO<sup>CARE</sup>

The requirements and needs of everyday nursing care are becoming more complex and changing all the time. As a result, the demands placed on modern nurse call and communication systems are also increasing. CONCERTO<sup>CARE</sup> masters these developments in a future-proof manner and makes it easier to conduct day-to-day business in nursing homes, senior citizens' residences, residential complexes and facilities for assisted living on all levels. With the well-being of the nursing staff and the residents in mind, the focus is on making care more efficient and increasing living comfort in the long term.

With the new CONCERTO<sup>CARE</sup> nurse call system, we are putting care back at the top of the agenda. The systematic development of the proven Tunstall system CONCERTO<sup>CARE</sup>, now in the fourth generation, allows you to flexibly adapt to increasing. You can trust in a modular, scalable and integrated solution.

#### **Invest with us in your future**

The flexibility of CONCERTO<sup>CARE</sup> also gives you a secure position for the future. True to the Tunstall philosophy of "integrating instead of "throwing away", you can simply continue to use the existing infrastructure. It can be integrated or supplemented cost-effectively when organisational or structural changes are made.

#### **Let's optimise your maintenance processes together**

With CONCERTO<sup>CARE</sup>, you can turn individual rooms into logical wards and organise them flexibly. You have the freedom to individually design and optimise your care processes.

#### **Trust in quality Made in Germany**

The CONCERTO<sup>CARE</sup> nurse call concept was developed in Germany. To this day, all software and hardware components have been produced here. You can rely on it!

#### **Give security and trust**

The residents of your care facility not only feel safe, but at home. CONCERTO<sup>CARE</sup> works with its intelligent additional components as a comprehensive safety system and creates new living comfort and quality of life with its compatibility to the new switch series of German manufacturer Busch-Jaeger.

#### **Make everyday life easier**

Thanks to the plug-and-play design, the installation itself is child's play. The programming, maintenance and configuration of CONCERTOCARE with the modern management and configuration software ConLogCARE is also easy. External equipment such as telephone systems or alarm servers can be configured using the management interface or flexibly via the LAN system interface. Ensure maximum operational reliability according to DIN VDE 0834 with an independent cabling and transmission system and permanent function monitoring.

The CONCERTO<sup>CARE</sup> call system is designed to meet the demanding everyday nursing care. This is why "making care easier" is our promise to you and our own high standard. The following pages will show you more about the practical advantages and product possibilities for your facility.



People at the centre - and attractive product design as a mediator between individual requirements and technical functionality. Modern care looks so good today!



### Perfect for personnel

No matter which solution from the Tunstall system landscape you choose - we train your nursing staff personnel intensively in practice. Your daily business will become quick and efficient.

# From individual demands to modular system solutions.

If you ask yourself how sustainable care should look and function today, there's no one single answer. In the complex network of requirements, it is essential to consider nursing staff as well as questions of sustainability and investment security. Good product design is more than just a cosmetic factor. Perfectly implemented, it ensures, on the one hand, intuitive use and thus the intended functionality. On the other hand, contemporary design also increases the attractiveness of the rooms and thus the quality of life of the residents. It is nice to think that we, together with Busch-Jaeger, have thought of everything.

## Increase attractiveness

The future-proof functionality of communication systems is only one of many challenges that modern facilities face today. Attractiveness and quality of life for residents and relatives should not be overlooked. Thanks to a powerful cooperation with the manufacturer Busch-Jaeger, we ensure both. The Tunstall nurse call system can be combined with numerous supporting programmes from Busch-Jaeger. You can rely on outstanding nurse call systems with an excellent design for your facility.

## Clear design for maximum functionality

The product design of Busch-easycare® is excellent. The nurse call and communication system is among the "Best of Best" of the "Design Plus powered by Light+Building-Award", and is gold winner of the German Design Awards 2016 in the category Product Design as well as winner in New York of the international "Good Design Award" in 2016.



future® linear  
Studio white

Busch-balance® SI  
Alpine white

Reflex SI  
Alpine white

Busch-Duro 2000® SI  
White

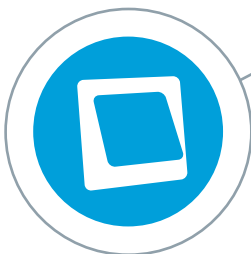
# Benefit from CONCENTO<sup>CARE</sup>. A future-proof call system for nursing care.

From installation to operation, from decision-makers to patients:  
Fast, secure and efficient communication is crucial for everyone involved.  
CONCENTO<sup>CARE</sup> facilitates work and cooperation for all.



### Always within 'call' range

A fast response can save lives. Therefore CONCENTO<sup>CARE</sup> calls can be forwarded from residents easily to mobile devices or to a service centre - with excellent voice quality and fast transfer of information. The flexibility gained also simplifies the nursing organisation and individual care.



### Coming together

Whether nursing home or hospital - our switches and inserts create a homely atmosphere in every room. The call switches and presence combinations also share a uniform appearance and graphic elements, that make simple operation possible.



### Direct communication

Are you struggling with a flood of information? With CONCENTO<sup>CARE</sup> you can easily create care groups according to your needs, whose information can be used in a targeted way. Assign nursing staff and thus relieve other employees. Freely configurable display texts simultaneously ensure that all relevant information is passed on comprehensively so that nothing is lost.





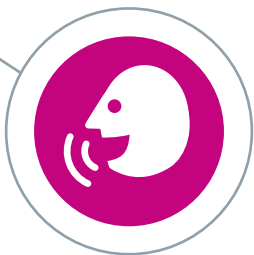
**Respond promptly to changes**

Always be one step ahead of structural changes. Thanks to the modular structure of CONCENTO<sup>CARE</sup>, you can effortlessly expand existing systems and always fall back on a call system that meets your needs. The installation or expansion of CONCENTO<sup>CARE</sup> is simple for you with plug-and-play and can be accomplished without great effort.



**Secure understanding**

Thanks to the room bus, communication with CONCENTO<sup>CARE</sup> is secured at all times - optionally with and without voice. Thanks of several system languages and the simplest menu navigation, the system ensures barrier-free understanding.



**Concentrated on the job**

CONCENTO<sup>CARE</sup> has parallel speech channels. You can also request other nursing staff or contact the external service centre. So you never lose sight of the essentials!



## Planning made easy

Use our technical manual as well as our support with tender texts for efficient planning at [www.tunstall.de/concento-care](http://www.tunstall.de/concento-care)



## Installation secured

Our data sheet catalogue and other documents offer you all the information you need. Simply download here: [www.tunstall.de/concento-care](http://www.tunstall.de/concento-care)



# From complex systems to practical solutions.

There is a massive backlog of refurbishments in the German nursing landscape. Urgently needed spaces cannot be created, outdated standards cannot be modernised. Budgets for personnel and modernisation are tight. This calls for concepts that offer a high degree of future security with low investments. And partners are needed to plan such concepts competently and implement them professionally.

The realisation of sustainable care concepts begins with the practical planning of new construction or modernisation projects. Therefore it is important to consider today's needs and future developments equally. A modular and scalable system such as CONCENTO<sup>CARE</sup> already offers all possibilities today for planning for existing situations and future requirements.

### Standard-compliant planning with a future

The care and security of residents is as equally important as the everyday working life of the nursing staff. No matter whether you are planning a standard-compliant system according to DIN VDE 0834 or want to comply with HeimMindBauV - with CONCENTO<sup>CARE</sup> Tunstall offers you a solution with planning security.

### Planning simplified

We support planners with valuable services to help them define the individual requirements of projects and jointly identify practicable solutions.

### Future easily installed

However, especially in the case of renovation and projects, but also with new buildings, there are many good reasons for installing CONCENTO<sup>CARE</sup>. On the one hand, existing cabling and infrastructure can continue to be used - without separate cables for the power supply. This saves complex new installations and ensures fast construction progress during realisation. On the other hand, it is possible to secure direct connectivity to coming fully digital expansion stages in new installations.

### With plug-and-play routine

There are many possibilities and variants for the installation of nurse call systems in the care sector. With CONCENTO<sup>CARE</sup>, engineering and installation staff have a flexible system at hand with which individual requirements can be flexibly fulfilled today and for the future. Follow-up business is assured thanks to the scalability of the system in all directions. The plug-and-play routine makes installation simple, straightforward and fast. And this in turn has a positive effect on the overall cost of construction projects.



# From the point-of-care model to practice with CONCENTO<sup>CARE</sup>.



## New possibilities in new buildings

CONCENTO<sup>CARE</sup> is a future-proof nurse call system for new nursing facility construction projects that already offers digital connectivity.

You can already plan for the future today - without having to invest directly in a fully digital system. With CONCENTO<sup>CARE</sup>, you can now pragmatically create all the prerequisites for using a modern nurse call and communication system in your home. Thanks to the later scalability, initial investments are comparatively low. IP connectivity is already integrated at system level today.

Optically, CONCENTO<sup>CARE</sup> is definitely a winner, because all system components fit into the sophisticated design of many Busch-Jaeger switch ranges.



## Your advantages

### CONCENTO<sup>CARE</sup> in a new building:

- easy planning
- flexible scalability
- high investment security
- high-quality design solutions

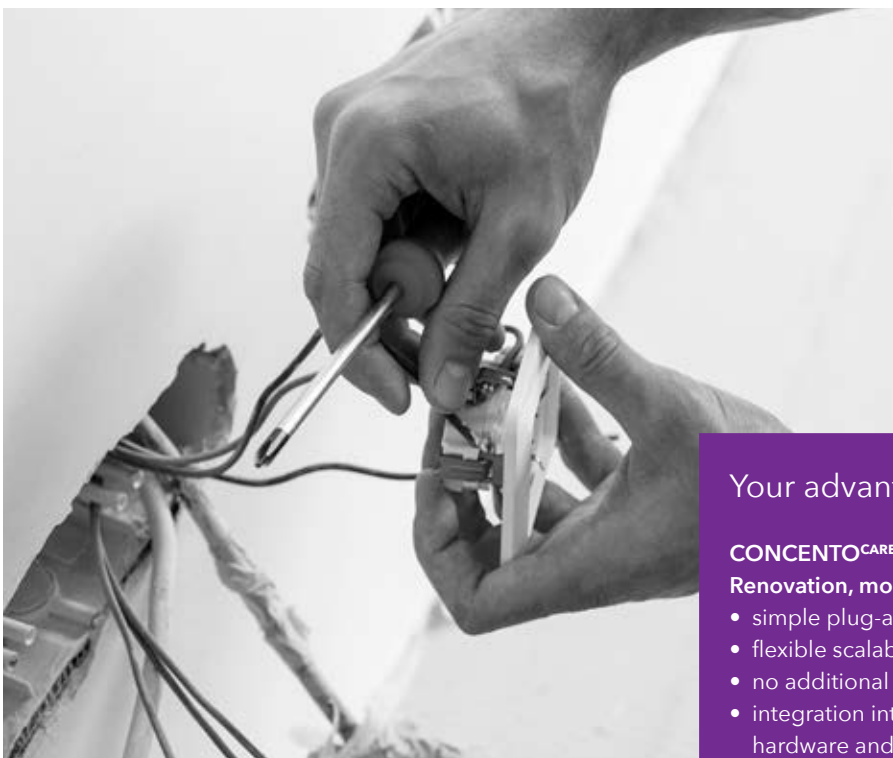


### Securing the future in existing stock

With CONCENTO<sup>CARE</sup> you are equipped for all the challenges of existing buildings. The nurse call system is flexibly scalable and easy to install thanks to plug-and-play.

You can continue to use existing infrastructures such as wiring or individual components during (partial) modernisation and then successively renew them in the future. With this step in CONCENTO<sup>CARE</sup>'s development, downward compatibility is now possible. of the system in any case. You also benefit from efficient installation work because time and effort are greatly reduced thanks to the plug-and-play routine.

In addition to technical modernisation, you can use CONCENTO<sup>CARE</sup> also scores in terms of appearance. The technical components from Tunstall perfectly match the design of many switch ranges from Busch-Jaeger.









### Your advantages

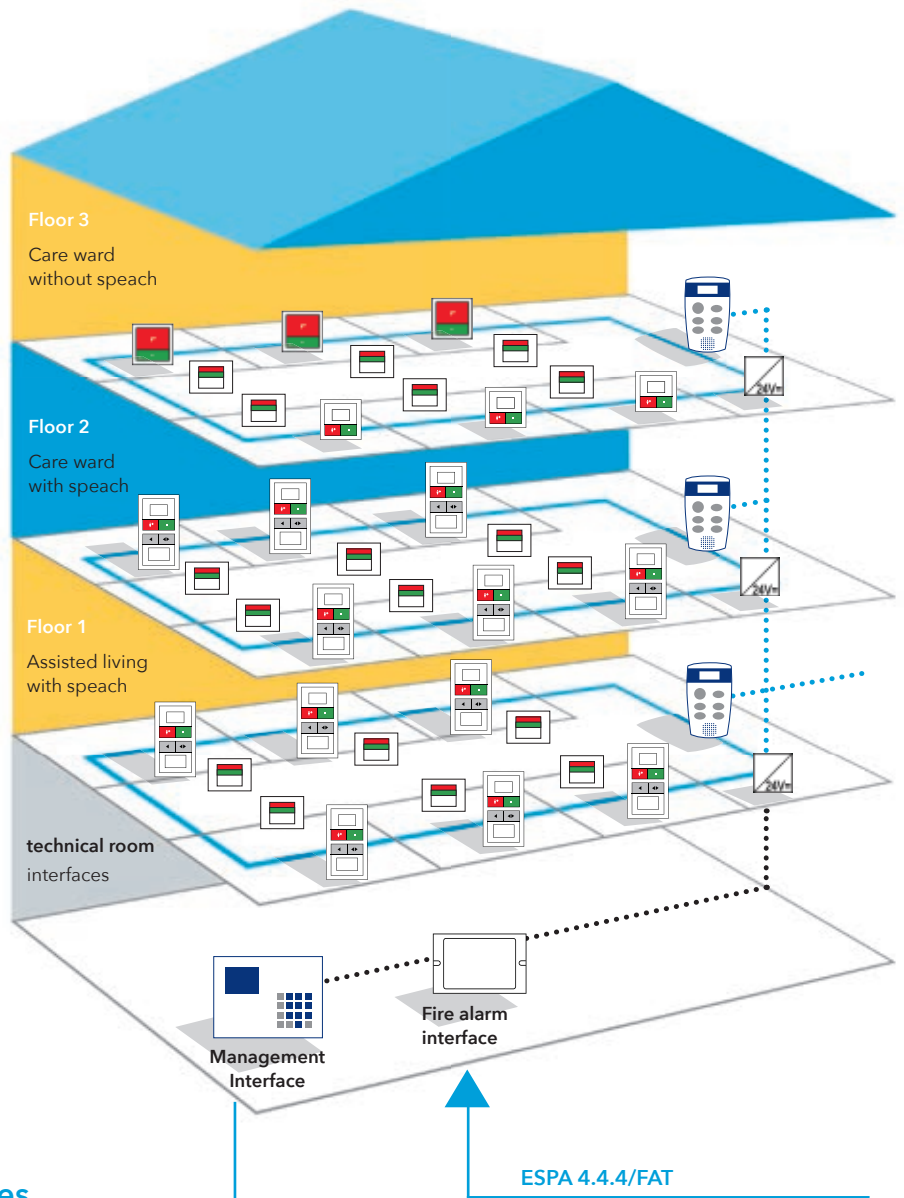
#### CONCENTO<sup>CARE</sup> for renovation, Renovation, modernisation:

- simple plug-and-play installation
- flexible scalability
- no additional power cable necessary
- integration into existing structural hardware and IT infrastructure

# From rigid facilities to flexible care concepts.

With its modular structure and its freely expandable components, the CONCENTO<sup>CARE</sup> nurse call system ensures flexible adaptation to your care concept.

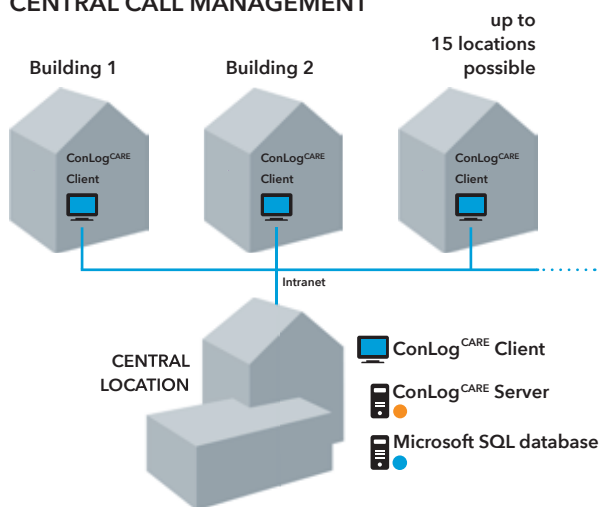
-  Group controller
-  Room lamp
-  Power supply unit
-  Call-/presence switch insert
-  Display insert
-  Display insert with intercom insert



## Open system interfaces

- ESPA 4.4.4**  
ESPA-X (prepared)  
**paging**  
data communication
- Analog a/b telephone connection**  
voice communication
- LAN VoIP** (prepared)  
**remote access**  
exchange of data  
remote access  
system setup  
programming  
logging
- USB**  
exchange of data (prepared)
- contacts**  
fault signal

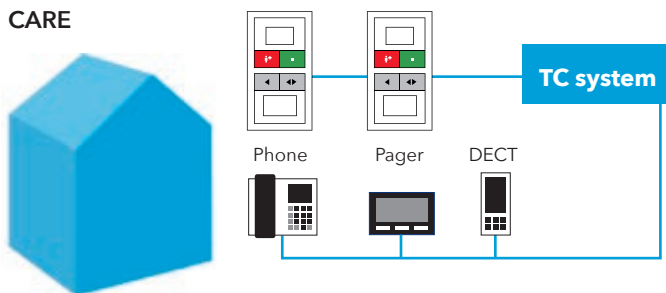
### CENTRAL CALL MANAGEMENT



### PERFORMANCE LEGEND STANDARD CABLING

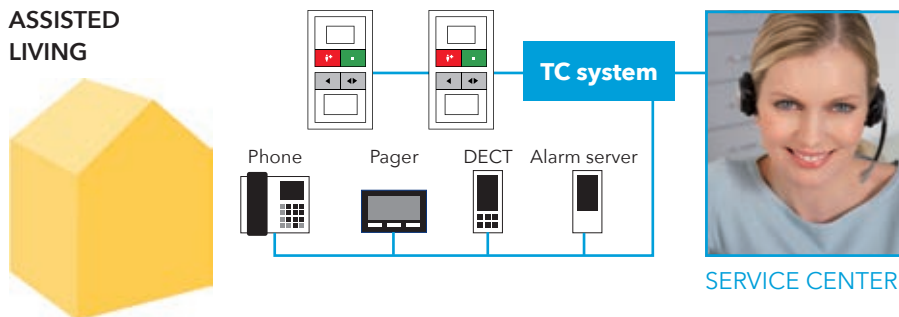
IDENTIFICATION	LINE TYPE	USE AREA
a	IY(ST)Y 2x2x0,8	<ul style="list-style-type: none"> <li>Room bus (RAN)</li> <li>Connection room lamp (no room bus participant)</li> <li>Connection between power supply unit and group controller</li> </ul>
c	IY(ST)Y 4x2x0,8	<ul style="list-style-type: none"> <li>Group bus</li> <li>Ward bus</li> </ul>
k	M-J 3x1,5	<ul style="list-style-type: none"> <li>Stub line to the power supply unit, e.g. to the Power supply of the corridor display</li> <li>Connection between two power supplies at a ward bus</li> <li>Center feed</li> </ul>

### CARE



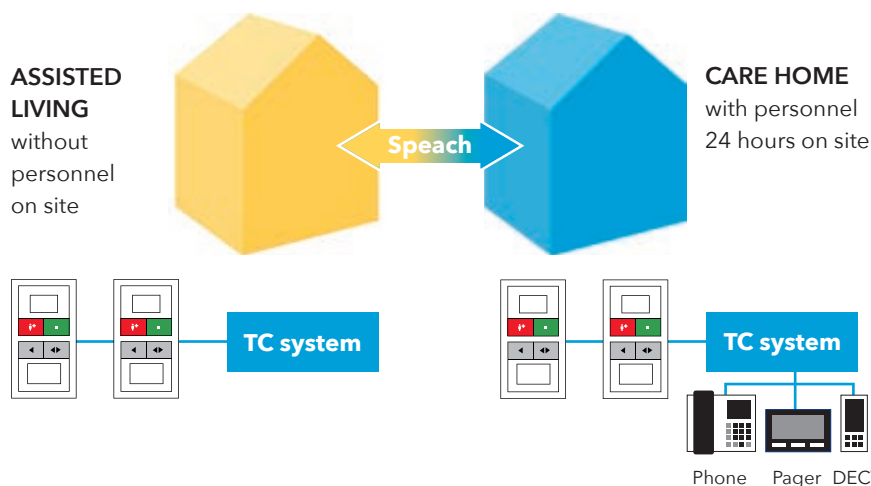
With the concept **Care**, e.g. in an inpatient nursing facility, care is organised locally - i.e. it is 24 hours a day, 7 days a week nursing staff on site who take care of the wishes and needs of the residents. Calls can be forwarded by CONCENTO<sup>CARE</sup> to telephones, DECT terminals, pagers and alarm servers.

### ASSISTED LIVING



In the concept **Assisted Living**, the care of residents is generally also organised locally. Calls are routed to telephones, DECT terminals, pagers, and alarm server. With the display and call/presence switch (also in combination with intercom application) there is also an activity control and the passive arm. At certain times of the day, e.g. at night and on weekends, calls are routed to a service centre. The staff there then organise the necessary measures.

### ASSISTED LIVING without personnel on site



The concept **living and care** combines the above two concepts. Calls from an institution in which no local nursing staff are directly active are forwarded to a house with 24/7 care. From there, the appropriate assistance measures are coordinated.

# From 'double and triple' to simple safety.

CONCENTO<sup>CARE</sup> gives you a wide range of equipment options: whether room controls with or without display, in conjunction with a speech module or without – CONCENTO<sup>CARE</sup> enables you to set up your call system for a wide range of organisational requirements and communication needs.

## a Display insert

**The display insert is a room controller. It controls and monitors all room functions in compliance with DIN VDE 0834 and is a bus user on the ward bus. The room lamp and the room bus (RAN) with the intelligent room components are connected to the display insert.**

- 4-line, 16-digit dot matrix display with back-light.
- Red call button with reassurance light and integrated location light.
- Green presence button with reminder light for switching on and off the presence
- When presence is switched on, calls, presences and potential faults in the ward are shown on the display.
- In addition to the indication in the display, calls are signalled by a tone sequence. Tone sequence depends on the call category.
- Display of call type as short designation
- The display of the call location can be defined when setting up the nurse call system. Texts with more than 16 characters are displayed as tickers. Alternatively, display of the 3-digit ward number and the 4-digit room number.
- If several messages are present, the message with the highest priority is shown on the display first. If the display insert is installed together with an intercom insert, the double arrow button can be used to scroll through all messages. If there is no intercom insert, the messages are automatically displayed in alternation for 5 seconds.

- In the staff room, the display shows the active ward coupling during idle state, e.g. "Day shift".
- Inactivity monitoring can be activated
- Programming of the display insert via the two buttons
- Identifiable as part of nurse the call system through design features
- Wall mounting in deep 1-gang back box
- Can be mounted in single frame or multi-frame
- Connection with an intercom insert possible to extend with speech function as

## b Call/presence insert

**The call/presence insert is a room controller. It controls and monitors all room functions in compliance with DIN VDE 0834 and is a bus user on the ward bus. The room lamp and the room bus (RAN) with the intelligent room components are connected to the call/presence insert.**

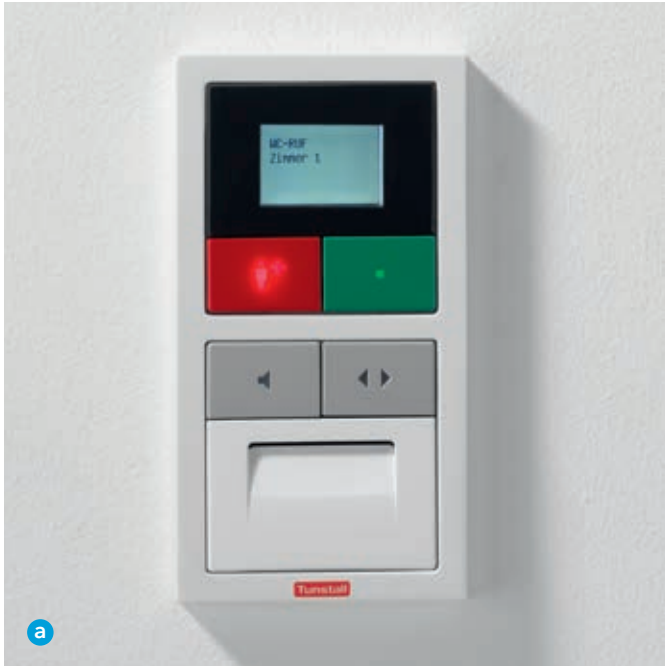
- Red call button with reassurance light and integrated location light
- Green presence button with reminder light for switching on and off the presence
- Acoustic signalling of forwarded calls when presence is switched on, tone sequence depends on the call category
- Inactivity monitoring
- Identifiable as part of nurse the call system through design features
- Wall mounting in deep 1-gang back box
- Can be mounted in single frame or multi-frame
- Connection with an intercom insert possible to extend with speech function, order separately

## c Intercom insert

**The intercom insert is intended for connection to a display insert or a call/presence insert. The intercom insert supplements this with the function of speech communication between patients or residents and staff. Furthermore, the Intercom insert adds comfort functions to the display insert.**

- Speech communication in outstanding quality through automatic adaptation to the acoustic conditions of the room
- Microphone and loudspeaker
- Grey answer button (speaker symbol) to answer calls by establishing a speech connection to the call location. LED is on while the speech connection is established.
- Grey remote cancel button ("double arrow" symbol) for remote cancelling of answered, remote cancelable calls
- Use for inactivity monitoring possible. Loudspeaker button = day button for the resident, double arrow button = away button for the resident.





The combinations of display insert and intercom insert allows you to scroll through several messages, for example.



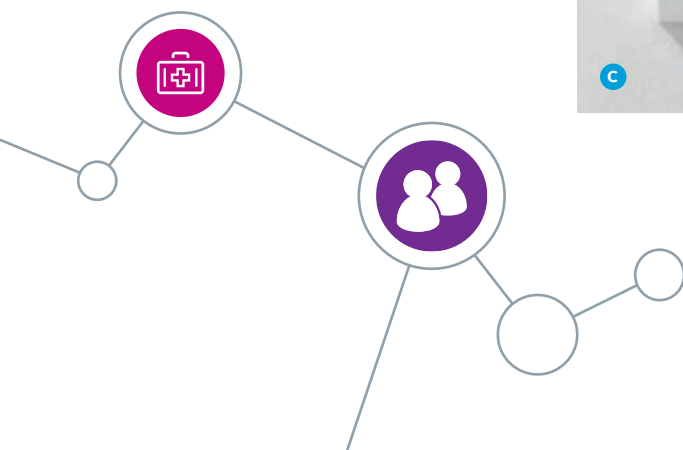
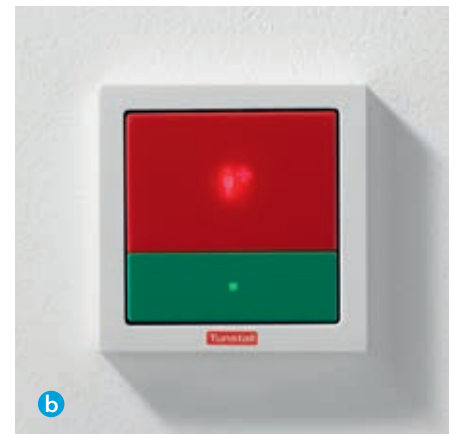
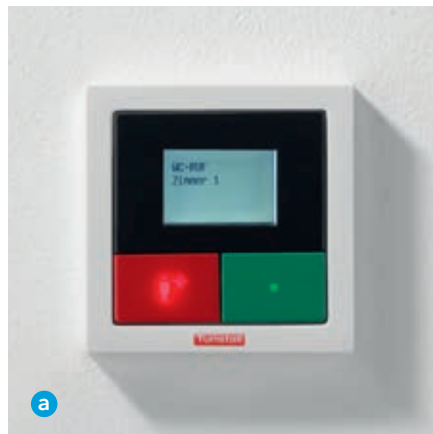
The useful combinations of Call Presence Deployment with the Intercom application is elegantly solved in the double frame.

#### d Control module ZLB

##### Room control in room lamp, also with RAN

- controls and monitors all room functions according to DIN VDE 0834
- The room bus RAN is connected to the control module ZLB with the intelligent room components (switches and connection sockets).
- If the station bus fails, it continues to operate room-independently, for maximum operational safety.
- it is an integral part of the room lamp with 3 light fields

Availability expected in autumn 2019



# From constant control to good feeling.

The various components of the nurse call and communication system CONCENTO<sup>CARE</sup> can be used wherever they are needed. Designed according to the latest findings, with a large surface area and clearly labelled, they set standards in terms of simple and safe use. This makes the work of the nursing staff easier and more efficient.

## a Room lamp universal, 3 sections

Signal lamp with 3 light sections for optical signalling of all call types, staff presence, and for WC call as single display.

## b Room lamp universal, 3 sections, with doorplate

Signal lamp with 3 light sections for optical signalling of all call types, staff presence, and for WC call as single display. Doorplate as label field for room designation.

## c Pull cord insert

Switch insert with a pull cord at the end of which a call handle is attached, for triggering calls or WC calls by pull actuation. Another call option is a red call button with reassurance light.

## d Call button insert

Push-button insert with a red call button with reassurance light for triggering calls or WC calls. The reassurance light illuminates brightly as soon as a call is raised. If presence in the room is activated when a call is raised, an emergency call is triggered.

## e Presence switch insert

Push-button insert with a presence button with reminder light for extending the display insert or call/presence button insert by the possibility of switching the presence on and off at another door. The reminder light illuminates while the presence is switched on.

## f Call button insert with plug connector

Push-button insert with a red call button with reassurance light for triggering calls and a socket for connecting a pluggable call device, e.g. a pear push-button.

## g Cancel switch insert

Switch insert with a grey cancel button with reminder light for cancelling WC calls and emergency calls WC in the WC area. The reminder light is on when a WC call or emergency call WC has been triggered that must be cancelled with this cancel button.

## h Pneumatic pushbutton insert

Pushbutton with pneumatic actuation, especially for call triggering in bathrooms.

## i Pear push button with light push button

Pear push-button with call and light button: Water-protected, for easy call triggering and for switching the reading light.

## j Corridor display

Display for alphanumeric display of calls and general system information in CONCENTO<sup>CARE</sup> and CONCENTO<sup>PLUS</sup> nurse call systems. Designed for installation in corridors or staff rooms. Direct connection to the ward bus.

## k Pear push switch

Pear push switch incl. call and light switch: Water-protected, for easy call triggering and for switching the reading light.

### Options:

- Wall or ceiling installation
- 12 or 16-digit display

Further peripheral components can be found in our extensive system documentation.





# From a hectic daily routine to a controllable overview.

The management interface, the LAN system interface, the group controllers and the ConLog<sup>CARE</sup> management software ensure smooth communication between all system components and the outside world.

## a Management Interface

Interface for CONCENTO<sup>CARE</sup> nurse call systems for the transmission of call and system messages, voice messages and connections for speech communication via telephone systems. Additional interfaces are available for system administration and for transferring logging data.

### Convenient programming with ConLog<sup>CARE</sup> Management Software

- Extensive configuration possibilities of the various interfaces and system parameters
- Connection to telephone systems (analogue a/b)
- Connection to alarm server/radio paging system
- Call forwarding to Telecare monitoring centres (PNC)
- Fixed-phrase voice messages for call type and call location (ward and room number) as well as to support operation
- Intelligent status displays: Data bus, ConLog<sup>CARE</sup> connection, ESPA 4.4.4 and telephone connection
- Information display: Date, time, IP address, ID

### Interfaces

- IP interface to PC with ConLog<sup>CARE</sup> Management Software via LAN for configuration and logging, RJ45
- RS232, interface, ESPA 4.4.4 protocol
- RJ45, connection prepared for VoIP and ESPA-X protocol up to 100 MBit/s
- RJ11, telephone connection
- USB connection, prepared for future applications
- Interface to group bus

- Fault message output, potential free (NO/NC), configurable
- Bus connection and power supply connection shortcircuit-proof and overload-proof, reverse polarity protected

## b System interface LAN

The system interface LAN provides interfaces to the ConLog<sup>CARE</sup> Management Software for configuration and logging, to a DECT system or alarm server/radio paging system for transmission of call and system messages as well as to fault signalling devices. The system interface LAN is connected to the group bus of a CONCENTO<sup>CARE</sup> or CONCENTO<sup>PLUS</sup> nurse call system. Can be used in CONCENTO<sup>CARE</sup> nurse call systems from ConLog<sup>PLUS</sup> revision 1.1.3x onwards.

### Interfaces

- IP interface to PC with ConLog<sup>CARE</sup> or ConLog<sup>PLUS</sup> Management Software via LAN for configuration and logging, RJ45
- RS232 interface to DECT system or alarm server/radio paging system (ESPA 4.4.4) for transmission of call and system messages
- Socket for ESPA 4.4.4: Sub-D, 9-pin, maximum cable length: 10 m
- Interface to fault signalling devices (fault message relay output)
- Fault message relay: Potential-free change-over contact. Switching capacity: 2 A. Switches permanently in the event of a fault on the group bus or on the system interface LAN, conductor cross-section: max. 1.5 mm<sup>2</sup>.

## c Group controller

The group controller monitors and controls the complete data traffic as well as the speech communication of all bus users on a ward bus. The group controller is the control unit within the decentralized system structure of the CONCENTO<sup>CARE</sup> system. All group controllers are interconnected via the group bus. The group bus is controlled by all connected group controllers according to the master-slave method.

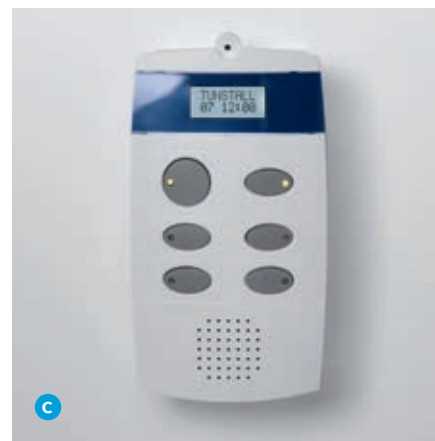
- Control of the ward bus
- Control of functions between wards such as group coupling, shift operation, speech connection between wards, higher-level calls (e.g. alarm call)
- Master-slave method on the group bus
- Display of the master-slave status
- Up to 40 users per group bus
- Up to 40 users per ward bus
- Up to 128 logical groups per system
- Fault indication for the Group controller
- Fault indication for the group bus
- Fault indication for the ward bus
- Key for displaying active messages (calls, presences, faults) on the ward bus
- 2-line display, 8-digit, with back-light for status display: time, shift and number of messages in the system



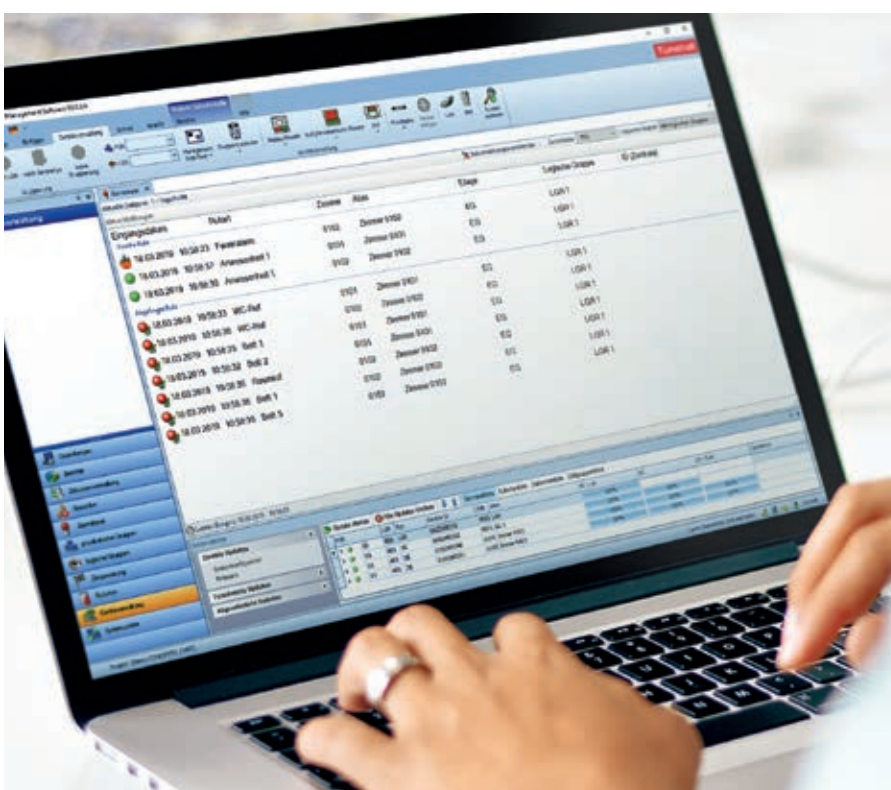
a



b



c



### ConLog<sup>CARE</sup> Management Software

Programming and logging software for **CONCENTO<sup>CARE</sup>** call systems

ConLog<sup>CARE</sup> is the universal tool for configuration, system update and logging of all relevant system and user information. Call logging gives you the security of traceability of previous events and extensive evaluation options. The modular concept offers the connection of one or more CONCENTO<sup>CARE</sup> nurse call systems in a client/server infrastructure.

# From specific requirements to a flexible range of accessories.

Get closer to flexible solutions for the individual requirements of your care concept. The range of accessories is an important reason for many care facilities to choose CONCENTO<sup>CARE</sup> – it simply leaves nothing to be desired. In addition, the radio-based accessories offer maximum safety by using the general emergency call frequency 869 MHz.

## a Radio receiver-T UP

Radio receiver on operating frequency 869.2125 MHz (social alarm frequency) for receiving the signals from associated radio transmitters. The radio receiver-T UP is intended for use in the nurse call systems FlamencoIP, Flamenco, CONCENTO<sup>CARE</sup>, and CONCENTO<sup>PLUS</sup>. Triggering the radio transmitters triggers a call or radio call, depending on the nurse call system and its configuration.

## d MyAmie

A small and waterproof personal radio trigger for wireless initiation of calls. It is light weight and provides different wearing options. A wrist strap and a neckcord are included with scope of delivery.

## g Sound detector

For automatic triggering of calls within a room. Highly sensitive sound receiver with flexibly adjustable Trigger criteria.

## b Radio receiver-T

Radio receiver on operating frequency 869.2125 MHz (social alarm frequency) for receiving the signals from associated radio transmitters. Plug-in connection to a call switch insert with connector (order no. 29070400...). Activating the radio trigger generates the same call type that would be generated by a pear push switch connected to the same socket.

## e Handheld transmitter, combi

Handheld radio transmitter in watch form with wrist strap to wear on the wrist or with neck cord. Use in conjunction with an associated radio receiver, e.g. radio receiver-T or radio receiver-T UP.

## h iVi™

iVi™ is an intelligent personal radio trigger. A call button is used for manual triggering of calls. An integrated, intelligent fall detection technology automatically triggers calls in the event of a fall.

## c Large-surface pneumatic radio switch

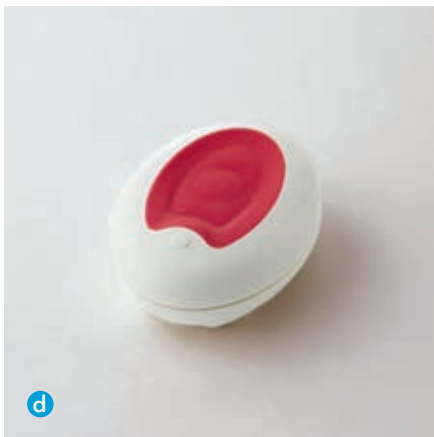
Wireless call switch for large-surface pneumatic activation. Only a very slight actuation force is required in order to activate the switch. It is therefore very well suited when there are activation problems due to illness.

## f Breath sensor set

Contactless call sensor for call triggering by breath. The breath sensor enables persons with very strong motor restrictions to trigger calls by means of breath/blowing noises. Even the slightest breath triggers a call.

## i Wireless sensor mat

Robust, professional contact step sensor mat for the monitoring of person movements, also for dementia or vital detection. Sturdy, step-, slip- and trip-resistant design with slanted Edges and easy to clean surface in burl structure. The mat is placed e.g. in front of the bed. When the patient leaves the bed or falls from the bed onto the mat, a call is triggered. The call is forwarded to the connected call system or the connected call device.



## From more control to simply more quality of life.

**Security and freedom in care** - In many care areas, such as the care of dementia patients, knowledge about the whereabouts of the residents is of great importance. Only in this way can the nursing staff act quickly and effectively when needed. CONCENTO<sup>CARE</sup> can be expanded to include a radio-based care system.



The radio receiver transmits all incoming signals directly to the nurse call system and thus ensures that, no matter where your residents are located, a call to the nursing staff can be transmitted. Call initiation can be effected, for example, by actuating a hand-held transmitter or via a universal radio sensor.

The radio trigger blends in with its appearance in the form of a bracelet inconspicuously into the everyday life of the residents. and gives them a sense of security in everything they do. As an additional function, it can also determine the whereabouts of the wearer and issue a call to the system when they leave a specific area.

The discreet radio trigger creates a good feeling for residents and personnel.



Other wireless components include the iVi and our wireless sensor mat. CONCENTO<sup>CARE</sup>'s radio-operated products make care easier and offer more safety and comfort for your residents and a significant relief for nursing staff.



**Always one step ahead** - Avoiding falls is one of the great challenges in care. Efficient fall prevention saves the affected person pain and a long period of suffering. This also avoids time-consuming and costly medical treatments.

The large mat is for triggering calls by stepping on or pressing the mat. The mat is positioned e.g. by the bed. A call is raised when the patient gets out of bed or falls out of bed and onto the mat.



It is especially important for residents who are no longer so agile, enabling fast and direct communication and saving lives in an emergency. With our light call system CONCENTO<sup>CARE</sup> we also guarantee reliable and efficient solutions in the case.

The non-slip and large-surface sensor mat provides a valuable contribution to fall prevention. Laid out in front of the bed, it triggers a call in the system when it is pressed or entered and informs the care unit that the person has left their bed. This is particularly advantageous at night when there are fewer nurses on site.

The wireless call switch is for large-surface pneumatic activation. Only a very slight actuation force is required in order to activate the switch.



We have a large-area and non-slip pneumatic push button which can easily be triggered manually for residents with slight mobility impairments. A sound detectors and a respiratory sensor, on the other hand, are the right choice for restrictions or inability to move the safety of your residents and to guarantee the efficient work of your nursing staff.

With CONCENTO<sup>CARE</sup> we offer you a nurse call system with which you can act flexibly and economically. We make your work in care easier, simplify the planning and organisation of your home and bring you even closer to the needs of your residents. Trust in tested safety according to DIN VDE 0834 and let us improve care together.

For information on CONCENTO<sup>CARE</sup> and other Tunstall products, please refer to the relevant Information sheets. Detailed technical documentation is available on request or at [www.tunstall.de/concento-care](http://www.tunstall.de/concento-care). As we continue to develop our products, specifications and appearance may vary from time to time of the products without prior notification.

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