Clino Systevo

ACKERMANN
by Honeywell

Intelligent Life Care

Modern Patient Communication intelligently integrated

Convergence of the systems

Systems such as telephony, nurse call, hazard and building management have so far been completely independent of each other. The rising cost pressure and compact performance nevertheless require comprehensive convergence of the individual systems. Efficient IT structures and the use of global standards thereby offer completely new options for care communication.

VoIP telephony
Nurse call
Internet
Hospital Information System
Care Information System
Biometric Recording
E-Mail
Electronic Patient Record
video-on-demand
Electronic Documentation
Hazard Management
Domotic
Data Network
Vital Signs Monitoring
Social Media
Alarm Management
Patient Information
Track and Trace

With Clino Systevo, we are safely investing in the future. Step-by-step!
Carl Bellmann, Administration Manager

Security at the Forefront

> I bear the responsibility for a reliable alarm management system. With Clino Systevo, I'm always on the safe side.

Frank Niedernhöfer, Technical Manager

The Protection of people and valuables will be of particular importance for care facilities

As a result, year by year the security requirements are growing with respect to:

- Data protection
- Audit compliance
- Patient security
- Documentation

Older systems often only fulfill these requirements to an insufficient extent. In a case of harm, this can lead to an increased liability risk for those in responsibility. On the contrary, Clino Systevo fulfills the requirements to a maximum and provides a long-term safety.

Always the right solution

Clino Systevo is designed as an open information and communication platform for care facilities. The flexible architecture supports efficient care organization – ranging from a simple nurse call system to the fully integrated care management system.

The system is characterized by its ease of service. Via network-tools the system may be remote administrated. This considerably simplifies the support.

Clino systevo

Varied possible uses:

- Networking a complete clinic
- Modernizing a senior citizens' residential complex
- New building of a nursing home
- New construction of a ward
- Equipping a sheltered housing group
- Individual optional room services

> The open IP structure of Clino Systevo makes networking easier than ever before. Everything fits together perfectly.
>
> Christian Vogt, IT Director

Scenario 1 – Modernization of an Entire Facility

Clino Systevo is the ideal basis for a seamless communication and security concept. The system uses consistent standard technologies such as Ethernet and VoIP/SIP. This makes the integration in existing system worlds easier for the technically-responsible person.

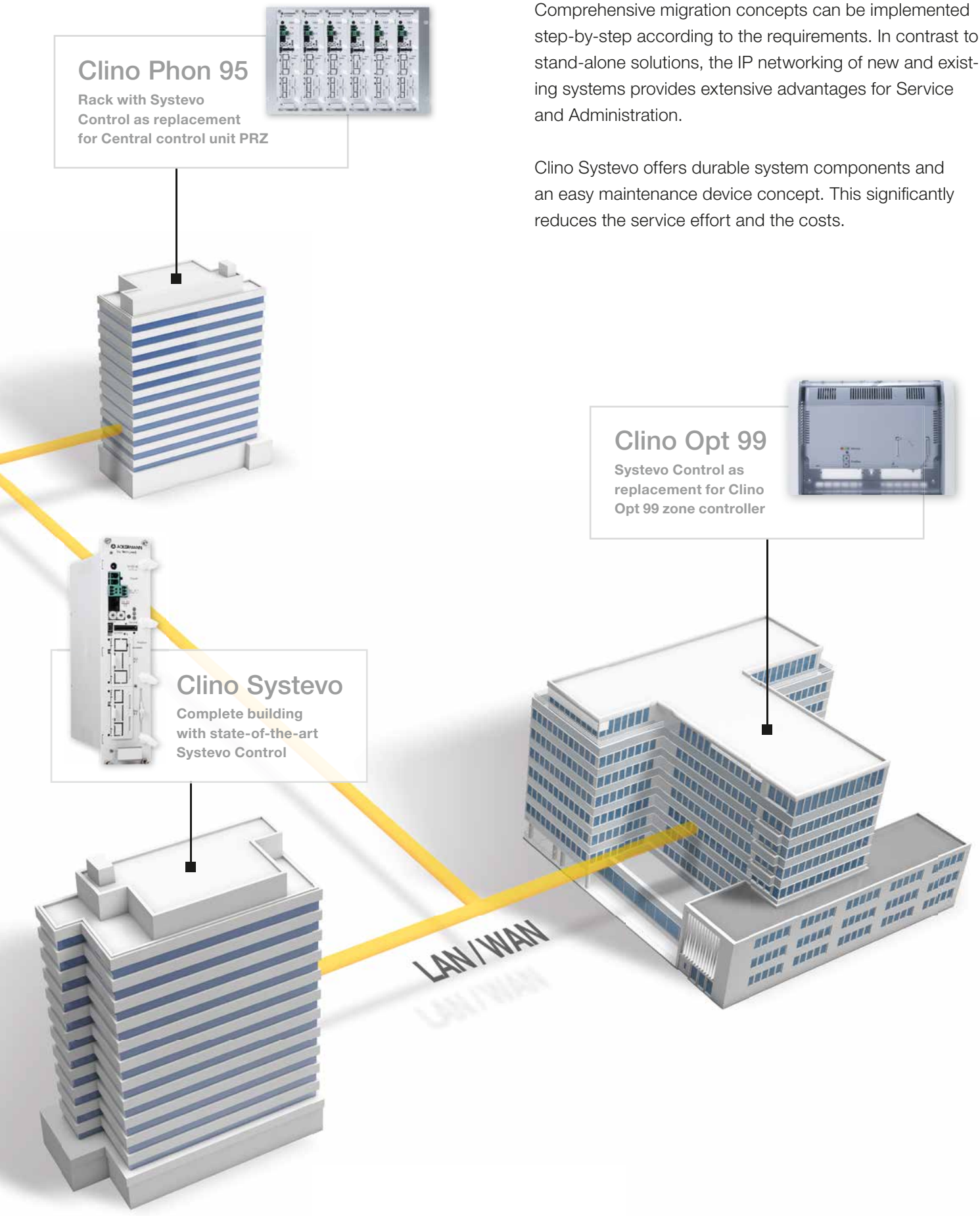
Simple integration of:

- Hazard management systems
- Access and exit surveillance (Track & Trace)
- Audit-compliant alarm documentation
- Documentation and care data management
- Telecommunication
- Entertainment

Higher protection of investment, lower costs

Comprehensive migration concepts can be implemented step-by-step according to the requirements. In contrast to stand-alone solutions, the IP networking of new and existing systems provides extensive advantages for Service and Administration.

Clino Systevo offers durable system components and an easy maintenance device concept. This significantly reduces the service effort and the costs.



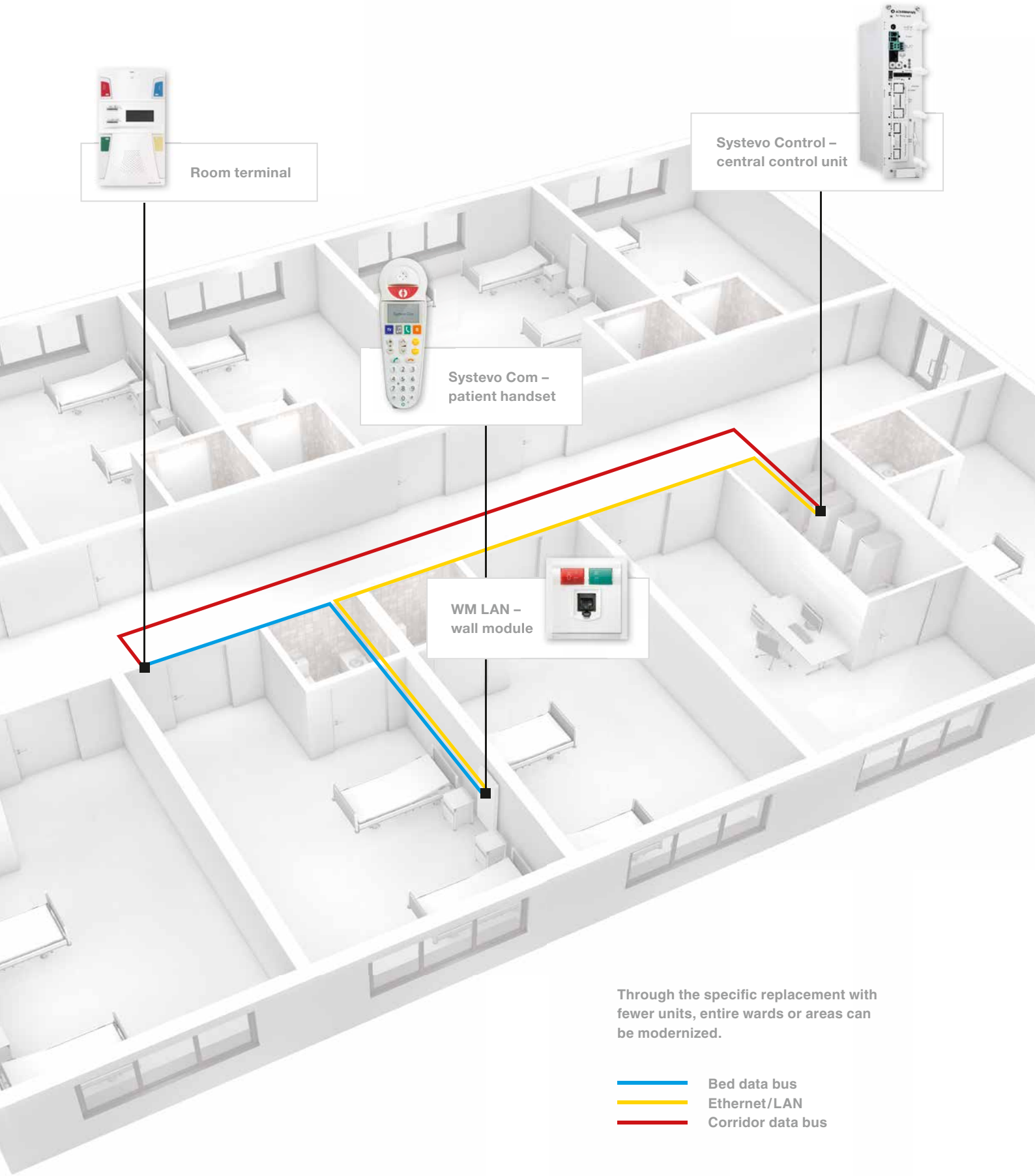
Scenario 2 – Modernization of a Ward or an Area

With Clino Systevo, small organizational units can already be brought up to the state-of-the-art of technology simply and economically. This works as a stand-alone solution as well as for the complex networking of several functional units. Both versions guarantee a very high level of security and capability.

The hybrid system architecture is based on the new Systevo Central control unit. With wiring-saving bus technology, replaceable field bus cards even integrate older Clino Opt and Clino Phon 95 installations seamlessly into the IP world.

Modular construction:

- → Capable system control center
- → Safe and cost-saving field bus on the ward
- → Open, easy to integrate IP technology in the backbone
- → Support of personalized processes through RFID
- → Easy migration of older systems, e.g. Clino Phon 95



Through the specific replacement with fewer units, entire wards or areas can be modernized.

Bed data bus
Ethernet/LAN
Corridor data bus

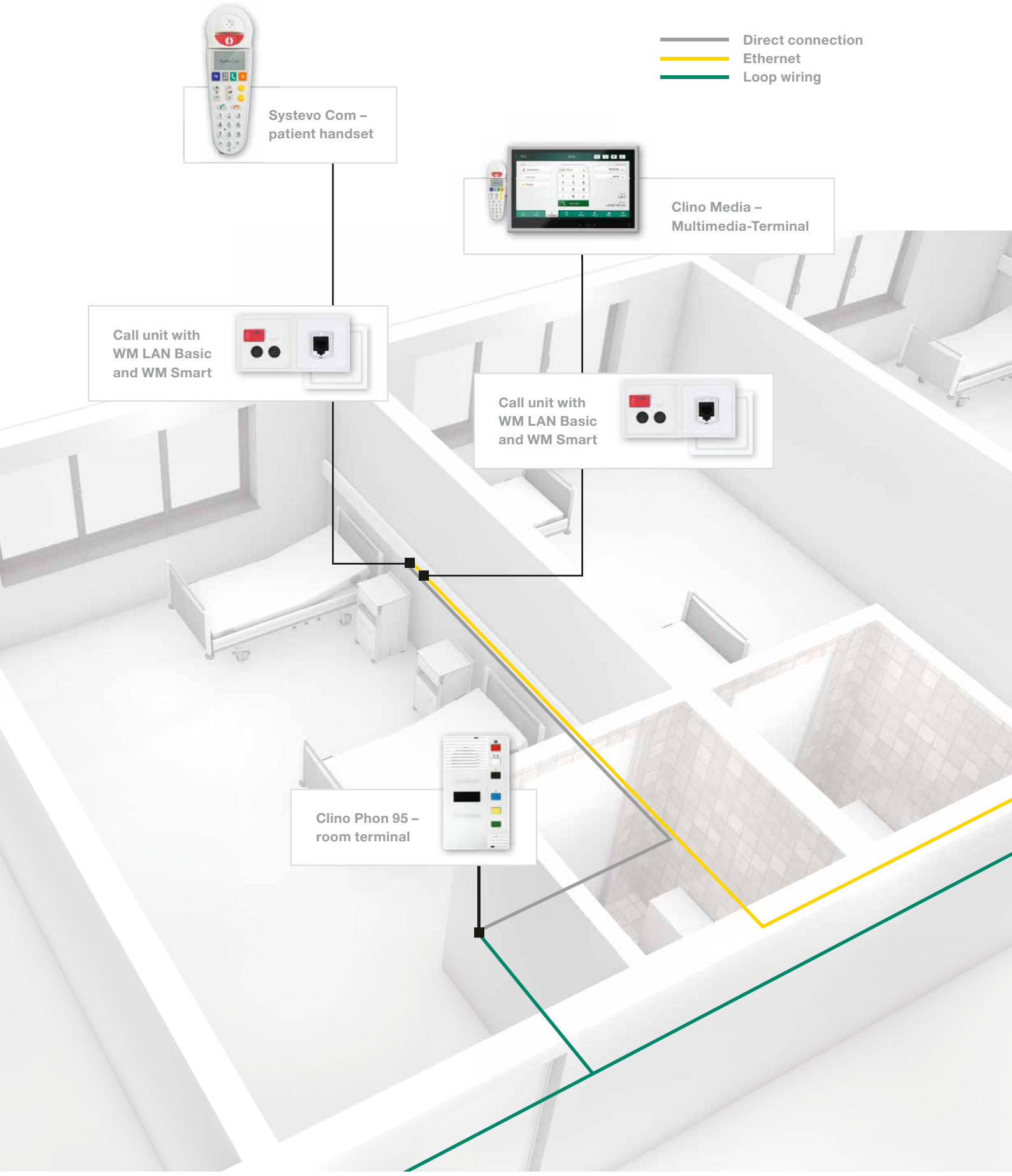
Scenario 3 – Modernization of an Individual Room

With Clino Systevo, the modernization can already begin with one individual room. Without major effort, the full range of modern value added services is realized at the point of care.

The example shows how in just a few steps, a Clino Phon 95 can bring the bed equipment up to the latest standard. To do so, no large-scale interventions to the infrastructure are necessary: The existing line networks can still be used.

Initial situation: e.g. Clino Phon 95 and analog phone

Modernized with Systevo Com to First class level


Direct connection
Ethernet
Loop wiring
Systevo Com –
patient handset
Clino Media –
Multimedia-Terminal
Call unit with
WM LAN Basic
and WM Smart
Call unit with
WM LAN Basic
and WM Smart
Clino Phon 95 –
room terminal

Elements of Care Communication – Modules for the Future

Systevo Com –
patient handset

WM LAN –
wall module

WM Smart + WM LAN Basic –
wall module with call unit

Everything in hand

- Ergonomic design
- Intuitive operation
- Safe nurse call
- Compatible with VoIP/SIP telephony
- Comfortable TV control
- Control of domotic functions
- Accounting function for value added services
- Antimicrobial housing material
- Protection class IP54

Shape and function harmonized

- Combines ethernet and nurse call
- Modern and functional design
- Anti-bacterial surface structure

Intelligence in the socket

- DSL and Ethernet connection technology
- 2 IP connections
- Control functions (room technology and TV)

→ The modules of Clino Systevo offer many possibilities. Thereby, they make modernization easier than ever.

Systevo Care –
Info Terminal

Clino Media –
Multimedia-Terminal

Systevo Control –
central control unit

Documentation in the room

- Display and input of patient and care data
- Protected access
- Hygienic surfaces

Future-oriented and convenient

- Multimedia services and convenience with a large screen
- Integration of nurse call functions
- Care and Data Management
- Access to HIS directly in the room

The core

- Flexible, scalable control unit
- Modular structure of hardware and software
- Future-proof approach to migration
- Simple commissioning and configuration
- Intelligent alarm management
- Centralized system controlling
- Integration options for additional systems

System overview

Configuration

Nurse call operating computer

Networking

System switch

Systevo Control-IP-Master

DSLAM

Fire/hazard detection system

Accounting

Pay station

Accounting server

Content

Telecommunications device PABX

VoD server

TV server

Dashboard

Clino Guard Base Station

Transponder

Information display

Ward 1

Systevo Control

USV module

Duty room interface

DECT handset

Databus connection unit

Clino Call DECT System

Master station

Ward 2

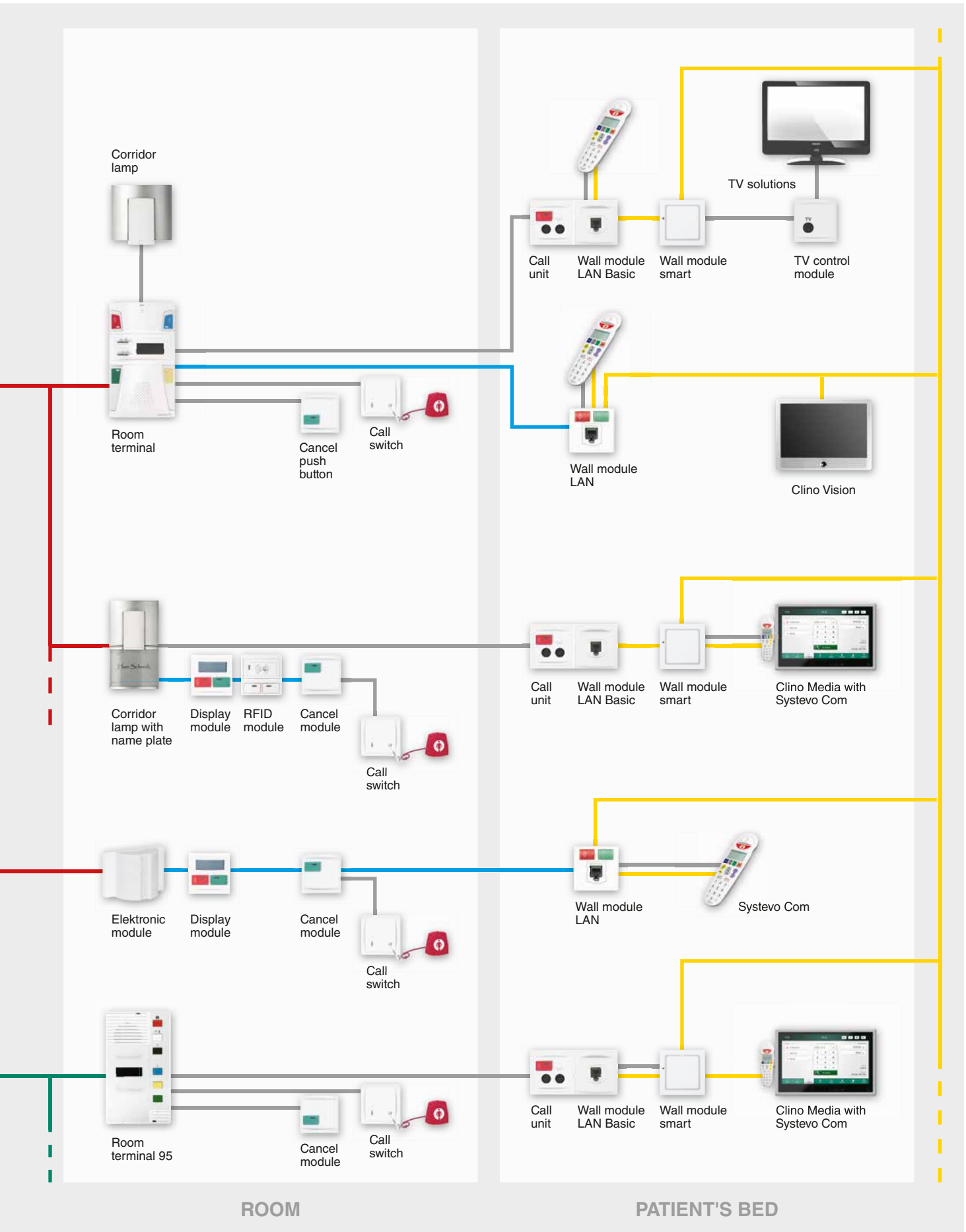
Field bus card 99

Ward 3

Field bus card 95

CENTRAL COMPONENTS

WARD



Ethernet/LAN
Corridor data bus
Direct connection
Bed data bus
Loop wiring
Clino System 95

Intelligent Life Care: Two strong brands – one global solutions provider at the Point of Care

Intelligent Life Care is an independent Business Unit, which combines two strong brands in the Honeywell Group.

Ackermann offers individual integrated solutions for safety, patient comfort and the optimization of complex care and documentation processes.

EnviteC is specialized on non-invasive sensorics in Intensive and Emergency Medicine as well as in the field of Mobile Monitoring Systems.

Together, we support the Health Care and Care Facilities with modern technical solutions for greater efficiency, safety and comfort in nursing care. For the benefit of patients, residents, staff and the operator.

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