

HEALTHCARE

Nurse Call Solution 100% IP



ALCAD



Catalogue

2018



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Nurse Call System

100% IP

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01. ACCURO

ROOM POSTS



CHC-043



CHC-129



CHC-231

CODE	TYPE	DESCRIPTION
9400021	CHC-042	ROOM POST RECESSED IN WALL
9400048	CHC-043	IP ROOM POST
9400053	CHI-043	ROOM POST WIFI
9400047	CHC-129	MULTI- ROOM CENTRAL
9400017	CHC-231	TOUCH ROOM POST WITH AUDIO, 16 DIGITAL INPUT / OUTPUT AND RS-485 SERIAL PORT. HORIZONTAL FORMAT.
9400050	CHC-234	TOUCH ROOM POST WITH AUDIO, 16 DIGITAL INPUT / OUTPUT AND RS-485 SERIAL PORT. HORIZONTAL FORMAT. ANTIBACTERIAL COATING

ROOM POSTS ACCESSORIES



ACC-040



CSU-413



CMO-406

CODE	TYPE	DESCRIPTION
9400010	FAC-050	POWER SUPPLY 24V-1A
9400002	FAC-070	POWER SUPPLY UNIT, 24V-5A, FOR CHC-040 ON DIN RAIL
9400022	ACC-121	IN WALL FLUSH-MOUNTED BOX FOR CHC-042
NEW 9740215	CSU-413	SURFACE MOUNTING BOX CHC-230
NEW 9740217	CMO-406	PLADUR FLUSH-MOUNTED BOX FOR CHC-230
9400013	ACC-040	REPLACEMENT CONNECTION BOARD FOR CHC-240
NEW 9400046	ACC-048	ACCESSORY POE FAMILY CHC-2XX
9400036	ACC-602	IOs GROUPEUR - 3 BLOCKS 2 to 1
9400037	ACC-604	IOs GROUPEUR - 2 BLOCKS 4 to 1
9400038	ACC-608	IOs GROUPEUR - 1 BLOCK 8 to 1

ROOM ELEMENTS



LLC-201



LLC-211



LLC-202



LLC-200

CODE	TYPE	DESCRIPTION
9410079	LLC-200	AERIAL FEMALE DIN8 CONNECTOR FOR MOUNTING IN FEMALE HEADBOARD CONNECTOR DIN 8 FOR MOUNTING IN HEADBOARD
9410088	LLC-201	BED UNIT WITH CALL BUTTON AND CONNECTION SOCKET FOR CALL HANDSET (DIN8)
9410089	LLC-202	BED UNIT WITH 2 BUTTONS (NURSE CALL AND PRESENCE) AND CONNECTION SOCKET FOR CALL HANDSET (DIN8)
9410090	LLC-203	BED UNIT WITH 3 BUTTONS (NURSE CALL, BLUE CODE AND PRESENCE) AND CONNECTION SOCKET FOR CALL HANDSET (DIN8)
9410091	LLC-204	BED UNIT WITH 3 BUTTONS (NURSE CALL, PRESENCE 1ST AND PRESENCE 2ND) AND CONNECTION SOCKET FOR CALL HANDSET (DIN8)
9410084	LLC-205	BED UNIT WITH 2 BUTTONS & CONNECTOR
9410092	LLC-209	BED UNIT WITHOUT BUTTONS AND CONNECTION SOCKET FOR CALL HANDSET (DIN8)
9410080	LLC-210	NURSE CALL BUTTON (DIN8 CONNECTOR)
9410081	LLC-211	NURSE CALL BUTTON WITH LIGHTS CONTROL (DIN8 CONNECTOR)

ROOM ELEMENTS

CODE	TYPE	DESCRIPTION
9410034	LLC-120	BATHROOM CALL UNIT
9410035	LLC-121	BATHROOM CALL UNIT WITH CANCELLATION
9410104	LLC-122	WC PULLCORD IP65
9410105	LLC-123	WC PULLCORD WITH CANCELLATION IP65
9410036	LLC-130	PRESENCE BUTTON
9410037	LLC-131	1st & 2nd PRESENCE BUTTON
9410038	LLC-132	PRESENCE 1st, 2nd, CALL & BLUE CODE BUTT
9410106	LLC-139	PRESENCE / CANCELLATION PUSHBUTTON IP65
9410051	LLC-140	NURSE CALL BUTTON
9410052	LLC-141	BLUE CODE BUTTON
9410054	LLC-142	NURSE CALL & PRESENCE BUTTON
9410055	LLC-143	BLUE CODE AND PRESENCE BUTTON
9410083	LLC-147	BLUE CODE BUTTON AND CANCELLATION
9410085	LLC-148	NURSE CALL & CANCELLATION BUTTON
9410107	LLC-149	NURSE CALL PUSHBUTTON IP65
9410039	SEN-121	DOOR TOP WARNING LAMP, RED
9410040	SEN-122	DOOR TOP WARNING LAMP, RED & GREEN
9410045	SEN-123	DOOR TOP WARNING LAMP, RED, GREEN & BLUE
9410053	SEN-124	WARNING LAMP, RED, GREEN, BLUE & YELLOW
9410231	SEN-125	DOOR TOP WARNING LAMP, RED, GREEN AND YELLOW
9410241	SEN-126	DOOR TOP WARNING LAMP, BLUE



RECTANGULAR ROOM ELEMENTS

CODE	TYPE	DESCRIPTION
9410255	LLC-406	BED UNIT WITHOUT BUTTONS AND CONNECTION SOCKET FOR CALL HANDSET (DIN8). RECTANGULAR BOX
9410256	LLC-407	BED UNIT WITH CALL BUTTON AND SOCKET FOR CONNECTING PEAR CALL (DIN8). RECTANGULAR BOX.
9410257	LLC-408	BED UNIT WITH 2 BUTTONS (NURSE CALL AND CANCELATION) AND CONNECTION SOCKET FOR CALL HANDSET (DIN8). RECTANGULAR BOX
9410258	LLC-409	BED UNIT WITH 2 BUTTONS (NURSE CALL AND PRESENCE) AND CONNECTION SOCKET FOR CALL HANDSET (DIN8). RECTANGULAR FORMAT.
9410260	LLC-421	BATHROOM CALL UNIT WITH CANCELLATION. RECTANGULAR BOX
9410234	LLC-430	PRESENCE BUTTON. RECTANGULAR BOX
9410244	LLC-431	1ST & 2ND PRESENCE BUTTON. RECTANGULAR BOX
9410245	LLC-432	NURSE CALL & PRESENCE BUTTON. RECTANGULAR BOX
9410246	LLC-433	BLUE CODE BUTTON & 2ND PRESENCE BUTTON. RECTANGULAR BOX
9410259	LLC-434	BLUE CODE AND PRESENCE BUTTON. RECTANGULAR BOX
9410235	LLC-440	NURSE CALL BUTTON. RECTANGULAR BOX
9410236	LLC-441	BLUE CODE BUTTON. RECTANGULAR BOX
9410239	LLC-442	NURSE CALL & CANCELLATION BUTTON. RECTANGULAR BOX
9410240	LLC-443	BLUE CODE AND CANCELLATION BUTTON. RECTANGULAR BOX
9410248	SEN-421	DOOR TOP WARNING LAMP MONOCOLOR. RECTANGULAR BOX
9410251	SEN-424	DOOR TOP WARNING LAMP MULTICOLOURED. RECTANGULAR BOX



01. ACCURO

ROOM ELEMENTS ACCESSORIES



CODE	TYPE	DESCRIPTION
9410007	ACC-100	STANDARD FLUSH-MOUNTED BOX
9410072	ACC-101	EU STANDARD FLUSH-MOUNTED BOX FOR PLASTER BOARD
9410067	ACC-110	SURFACE MOUNTING ACCESSORY FOR ROOM PERIPHERALS (LLC-10X-12X LLC, LLC-13X, LLC-14X, 12X-SEN, RFI-2XX)
9410025	ACC-340	RELAY 24V 2NA - 2NC
9410026	ACC-420	SWITCHED BISTABLE RELAY 24V 1NOC

VANDAL RESISTANT ROOM PERIPHERALS AND ACCESSORIES



CODE	TYPE	DESCRIPTION
9410096	LLC-640	NURSE CALL BUTTON (VANDALPROOF)
9410097	LLC-641	BLUE CODE CALL BUTTON (VANDALPROOF)
9410098	LLC-642	NURSE CALL & PRESENCE BUTTON (VANDALPROOF)
9410099	LLC-643	BLUE CODE CALL & CANCELLATION BUTTON (VANDAL-PROOF)
9410100	ACC-161	FLUSH MOUNTING BOX FOR LLC-6XX

CABLES



CODE	TYPE	DESCRIPTION
9750002	CAB-004	CABLE 2X0,50 MM2 WITH COVER
9750000	CAB-032	CABLE 6X0,25 MM2 WITH COVER
9750001	CAB-052	CABLE 10X0,25 MM2 WITH COVER
9300065	TCA-100	SOLID UTP CAT6 CABLE, LSZH

WIRED SENSORS



CODE	TYPE	DESCRIPTION
9410020	SNS-020	SENSOR FOR DOOR / WINDOW
9410021	SNS-030	MOTION SENSOR
9410050	SNS-211	PRESENCE IN BED SENSOR
9410049	SNS-221	PRESENCE IN FLOOR DETECTION SENSOR

STAFF IDENTIFICATION

CODE	TYPE	DESCRIPTION
9430019	RFI-001	RFID READER FOR LAP TOP
9430020	RFI-050	RFID CARD
9430074	RFI-202	RFID READER / WRITER MIFARE USB
9410069	RFI-212	RFID MIFARE READER RS-232
9410068	RFI-222	RFID MIFARE READER RS-485
9430075	RFI-252	RFID CARD MIFARE 1K



RFI-222



RFI-202

WIRELESS PUSH BUTTONS

CODE	TYPE	DESCRIPTION
9410015	SNI-009	REMOTE RECEIVER POWER SUPPLY
9410073	SNI-101	REMOTE RECEIVER WITH 1 RELAY OUTPUT
9410074	SNI-108	REMOTE RECEIVER WITH 8 RELAY OUTPUTS
9410075	SNI-110	WATERPROOF WIRELESS CALL PENDANT
9410076	SNI-112	WATERPROOF WIRELESS CALL BRACELET



SNI-110



SNI-112

SERVERS

CODE	TYPE	DESCRIPTION
9430094	SRG-010	MINI SERVER BASIC
9430016	SRG-120	CENTRAL CONTROL UNIT
9430105	SRG-310	HIGH RANGE SERVER
9430106	SRG-410	HIGH AVAILABILITY SERVER



SRG-120

01. ACCURO

NETWORK ELEMENTS



SWI-143



ROU-010



PUC-020

CODE	TYPE	DESCRIPTION
9430022	ARK-010	RACK CABINET 19" D600MM FOR 12 UNITS
9430023	ARK-030	RACK CABINET 19" D600MM FOR 22 UNITS
9430024	ARK-050	RACK CABINET 19" D800MM FOR 42 UNITS
9430025	SAI-010	UPS 650 VA
9430031	SWI-100	MODULE FO GBIC 1000B-SX LC CONNECTOR
9430086	SWI-113	MANAGED SWITCH 8P 1GBPS
9430030	SWI-133	MANAGER SWITCH 16P 16+2 FO
9430026	SWI-143	MANAGED SWITCHLAYER 2 - 24P 1GBPS
NEW	9430077	SWI-144 MANAGED SWITCH 10/100/1000 POE 24 PORTS + 2 SFP SLOTS FOR FIBER OPTICS (OPTIONAL)
	9430027	SWI-163 MANAGED SWITC 48P (16+4FO)
NEW	9430078	SWI-164 MANAGED SWITCH 10/100/1000 POE 48 PORTS + 4 SFP SLOTS FOR FIBER OPTICS (OPTIONAL)
	9430032	PUC-020 PC CHECKPOINT
	9430035	ROU-010 GSM MODULE
	9430036	ROU-011 ANTENNA GSM MODULE
	9430037	ROU-012 GSM MODULE CONNECTION CABLE
	9430038	ROU-013 GSM MODULE POWER SUPPLY

SOFTWARE AND LICENSES

CODE	TYPE	DESCRIPTION
9440100	SWG-200	LICENSE SERVER - ALCAD NURSE CALL 4.0
9440101	SWG-201	LICENSE CHC/CHI - ALCAD NURSE CALL 4.0

DEMO KIT

CODE	TYPE	DESCRIPTION
NEW	9400007	DKA-230 DEMO KIT - CHC-230

SERVICES

CODE	TYPE	DESCRIPTION
9500101	IPP-303	SYSTEM CONFIGURATION
9500102	IPP-305	IN FACTORY DEVICE CONFIGURATION
9500103	IPP-315	IN SITU DEVICE CONFIGURATION
9500104	IPP-320	TRAVEL AND SUBSISTENCE SPAIN

IP TELEPHONY

CODE	TYPE	DESCRIPTION
9420125	TFI-161	IP PHONE (6 LINES)
9420126	TFI-143	IP PHONE (4 LINES) *
9420051	TFI-215	PROFESSIONAL WIFI PHONE
9420031	TFD-121	IP BASE DECT PHONE



TFI-161



TFI-215

DECT COMMUNICATION

CODE	TYPE	DESCRIPTION
9420122	DEC-305	DECT/IP BASE STATION (INDOOR)
9420037	DEC-302	IP DECT BASE POWER SUPPLY
9420048	DEC-316	LICENSE 10 DECT/IP BASE STATION
9420049	DEC-326	LICENSE 20 DECT/IP BASE STATIONS
9420050	DEC-356	LICENSE 50 DECT/IP BASE STATIONS
9420039	TFD-300	PROFESSIONAL DECT PHONE



DEC-305

PAGERS AND PEOPLE SEARCH

CODE	TYPE	DESCRIPTION
9430089	PAG-010	PAGING ENCODER IP AND TRANSMITTE UHF
9430090	PAG-012	OMNIDIRECTIONAL ANTENNA UHF 200W
9430091	PAG-020	PAGER UHF 2 LINES OF 20 CHARACTERS



PAG-010

PBX INTERCONNECTION

CODE	TYPE	DESCRIPTION
9420018	GTF-013	PHONE GATEWAY 4 FXO FOR CONNEXION WITH PSTN
9420019	GTF-014	PHONE GATEWAY 8FXO
9420029	GTF-322	TELEPHONE GATEWAY 2 RDSI BRI
9420030	GTF-323	TELEPHONE GATEWAY 4 RDSI BRI



GTF-014

PBX LICENSES

CODE	TYPE	DESCRIPTION
9420101	PBX-010	VoIP PBX CORE SERVER LICENSE
9420102	PBX-020	ALCAD VOIP PBX BILLING SERVER LICENSE
9420103	PBX-110	1 LINE PHONE LICENSE

* Available while stocks lasts

03. IP VIDEO DOOR ENTRY SYSTEM



CODE	TYPE	DESCRIPTION
9420124	POR-010	POWER SUPPLY FOR POR-101
9420123	POR-101	VIDEODOOR IP 1 BUTTON

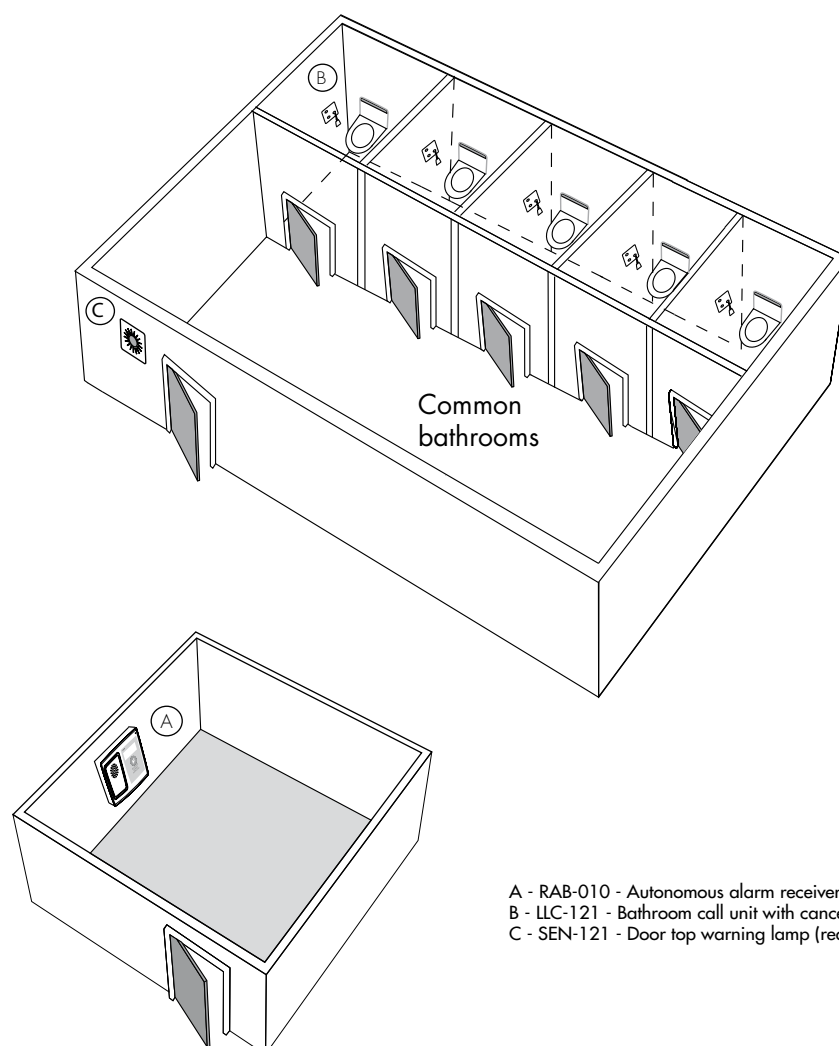
04. AUTONOMOUS CENTRAL



RAB-010

CODE	TYPE	DESCRIPTION
9400018	RAB-010	RECEPTOR DE ALARMAS AUTONOMO

Autonomous device that allows to control up to 5 assisted toilets in common areas in public buildings (offices, supermarkets, museums, etc.). It allows to signal the calls made from the connected devices using independent light indicators (pushbuttons or bathroom call units). At the same time, it allows to signal acoustically and on the screen the existence of calls on the very device that would be located close to the security or maintenance staff of the Center.



05. WANDERER CONTROL

Every day we meet patients and residents with orientation problems, Alzheimer, senile dementia, etc. This type of patient may try to leave without permission from the residential center with the harm that this may cause for their own safety and the caregiver center, in terms of responsibility for the patient or the need for specific personnel to control these patients. This is the reason why ALCAD has integrated WANDERER CONTROL into its nurse call system that provides control mechanisms to prevent this type of escapes and facilitate the care work.

The solution consists of ergonomic and submersible wristbands worn by people. In the control areas (exit doors, stairs, corridors, elevators, etc) are placed activators that detect when a wanderer approaches that area. The moment the wanderer enters in a supervised area, his wristband will emit a signal to the receiving station that controls the area. This receiving station can activate an audible alarm, send an order to block a door, etc. In addition, the receiving station will send this information to the nurse call system, to let the staff to act accordingly.

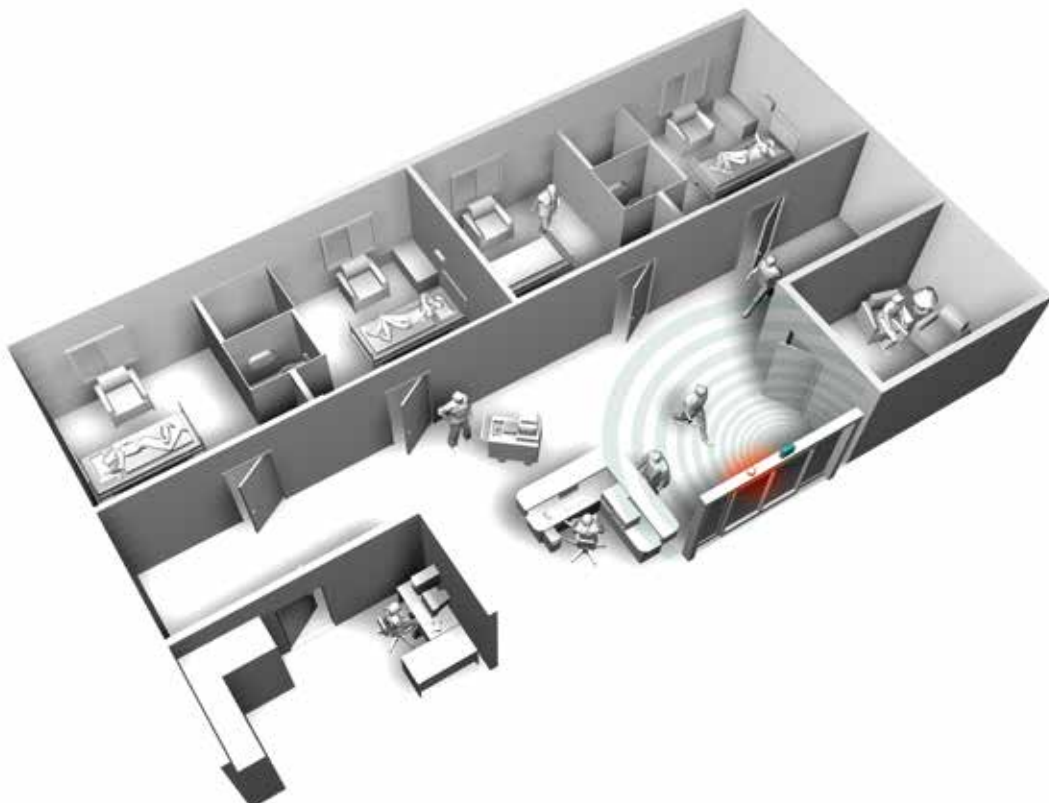
CODE	TYPE	DESCRIPTION
9430041	CER-010	ACTIVATOR 1,5M
9430042	CER-011	ACTIVATOR 3M
9430069	CER-012	ACTIVATOR 5M FOR WANDERING CONTROL
9430052	CER-025	UNIDENTIFIED RECEIVER FOR 1 DOOR
9430046	CER-030	DETECTION BRACELET
9430058	CER-035	SET OF 10 DISPOSABLE STRAPS
9430059	CER-037	SET OF 10 INTERCHANGEABLE STRAPS
9430070	CER-041	SET OF 10 SECURITY CLAPS
9430071	CER-042	SECURITY CLASP DECOUPLER
9430057	CER-045	RESTART TIMER OF POWER SUPPLY
9430063	CER-055	WANDERER CONTROL PROGRAMMER



CER-030



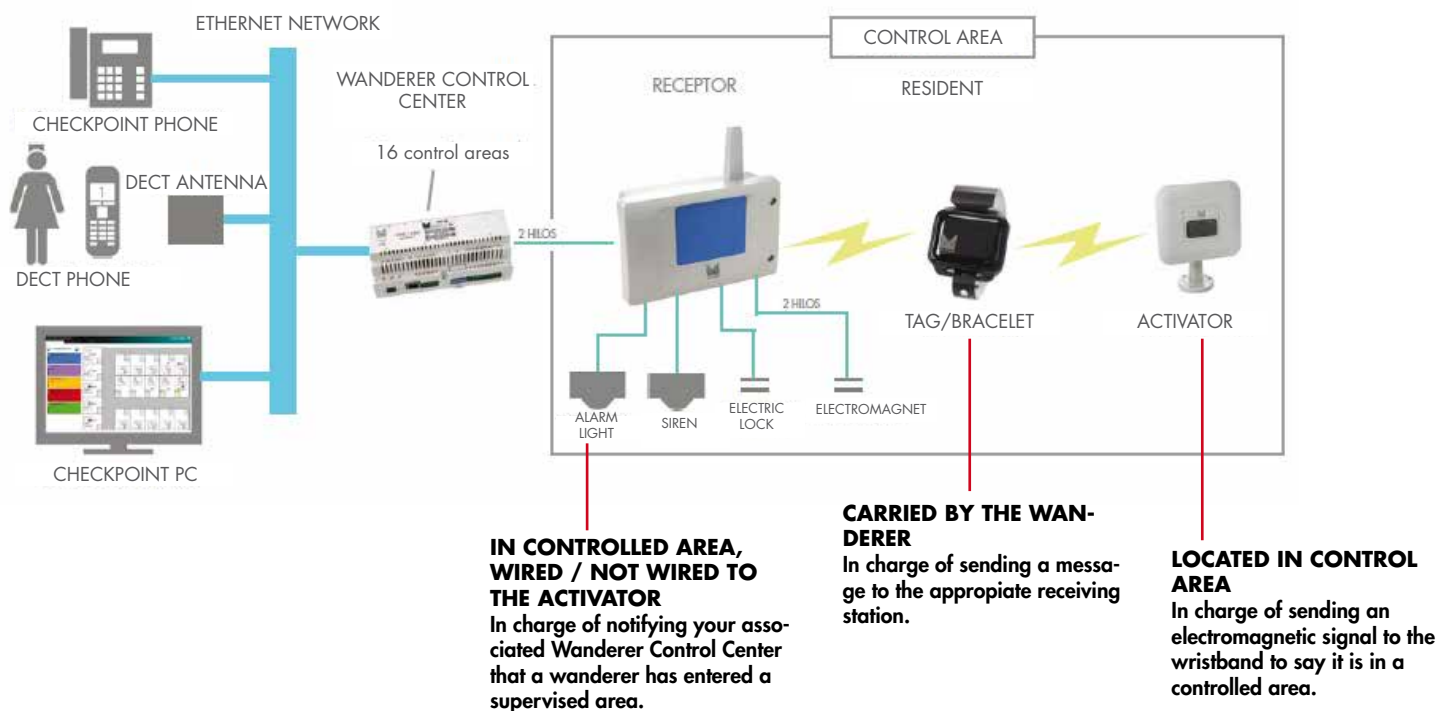
CER-011



05. WANDERER CONTROL

ELEMENTS AND ARCHITECTURE OF THE SYSTEM

General diagram of the Wandering Control system of ALCAD as a whole.



HELP: QUOTING A WANDERER CONTROL SYSTEM

OPTION 1: ACTIVATOR WIRED TO THE RECEPTOR

ACTIVATOR	CER-010/011/012	1pc.
UNIDENTIFIED RECEIVER FOR 1 DOOR	CER-025	1pc.

- CER-025 powered with 220 Vac.
- The CER-01x is powered by the receptor.
- Include the number of CER-030 wristband that you need.

OPTION 2: ACTIVATOR NOT WIRED TO THE RECEPTOR

ACTIVATOR	CER-010/011/012	1pc.
UNIDENTIFIED RECEIVER FOR 1 DOOR	CER-025	1pc.
RESTART TIMER OF POWER SUPPLY	CER-045	1pc.
REMOTE RECEIVER POWER SUPPLY	SNI-009	1pc.

- In the case you cannot wire the activator to the receptor, You have to add a CER-045 and a SNI-009.
- CER-025 powered with 220 Vac.
- Include the number of CER-030 wristband that you need.

COMMON ELEMENTS FOR INTEGRATION CONTROL OF ERRANTS IN ACCURO

MULTI- ROOM CENTRAL	CHC-129	1pc.
PRESENCE BUTTON	LLC-130	1pc/CER-025.

ARCHITECTURE OF THE ACCURO SYSTEM

Room elements

ALCAD Electronics S.L. manufactures two types of room centrals. Room centrals with loudspeaker and built-in microphone that allow hands-free vocal intercommunication between the patient and the nurse; and multi-room central units without audio that allow the notification of requests for patient assistance in text message format.

In each room or area where voice communication is required with the control posts, a room central (CHx-04x or CHC-2xx) will be installed. The necessary peripherals (941 series) in the room will be connected to this central unit. The room centrals have 16 I/O that allow different configurations for single, double or triple rooms, and they are in charge of managing and powering the peripherals.

In areas where vocal communication is not required, the necessary call peripheral (patient handset call unit, bathroom call unit, wall pushbutton, etc.) and a cancellation button to cancel the assistance request will be installed. These peripherals are managed by a multi-room central CHC-129 installed on DIN rail, which has 32 I/O.

The new software version included in the room centers offers us new features:

- Call scaling: Differentiation of calls by origin of calls (patient calls, nurse calls, doctor calls and sensor calls) to extension groups.
- High availability.
- Integration of the CHI-043 WIFI
- New CHC-129 configurations:
 - Room hub - Up to 4 rooms without bathroom → 8 IOs per room
 - Room hub - Up to 1 room with 6 beds and 3 bathrooms → 32 IOs per room
 - Room hub - Up to 2 rooms with 3 beds and 1 bathroom → 16 IOs per room
 - Hub of up to 8 individual bathrooms → 4 IOs per bathroom
 - Hub for up to 8 individual boxes → 4 IOs per box
 - Hub of up to 8 boxes of individual blue code → 4 IOs per box code blue

Central Server and Licenses

The server is responsible for enabling patient-nurse communications as well as allowing the correct functioning of the entire system. Record all patient calls and actions carried out by the nursing staff. It incorporates the configuration tool of the whole system via Web application.

For the patient-nurse system, two servers are proposed, SRG-120 for installations smaller than 200 room centers and SRG-310 for installations with more than 200 room centers.

Network elements

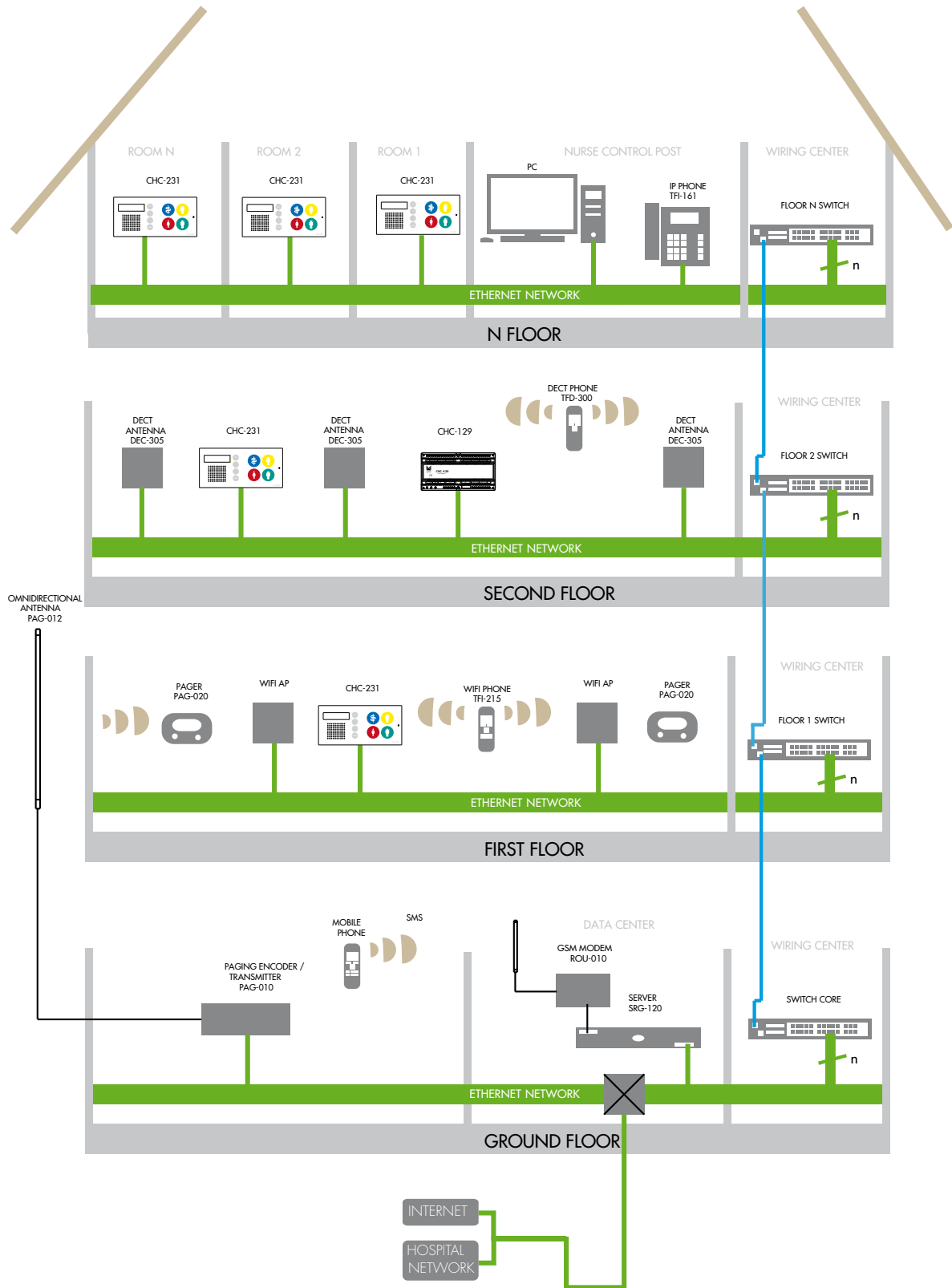
On each floor of the building, one or more floor switches will be installed that will manage the distribution of IP communications of all the room centrals, multi-room power plants and other IP devices of the plant (IP control stations, DECT base stations/ IP, etc.). These IP elements will be connected to the floor switches via UTP network cable (Cat5e or higher) and will be powered by their own power supply.

In the CPD (Data Processing Center) of the installation a main switch will be installed that will connect all floor switches, the server and other IP devices such as telephone gateways or routers that allow integration with other systems in the installation (Telephone switchboard PBX, paging system, main computer network of the building, routers for Internet connection (remote maintenance), etc.). Also, it is recommended to interconnect the floor switches to the main switch through fiber optic risers or UTP cable (Cat6) that guarantees a high transmission speed (1 Gbps bandwidth).

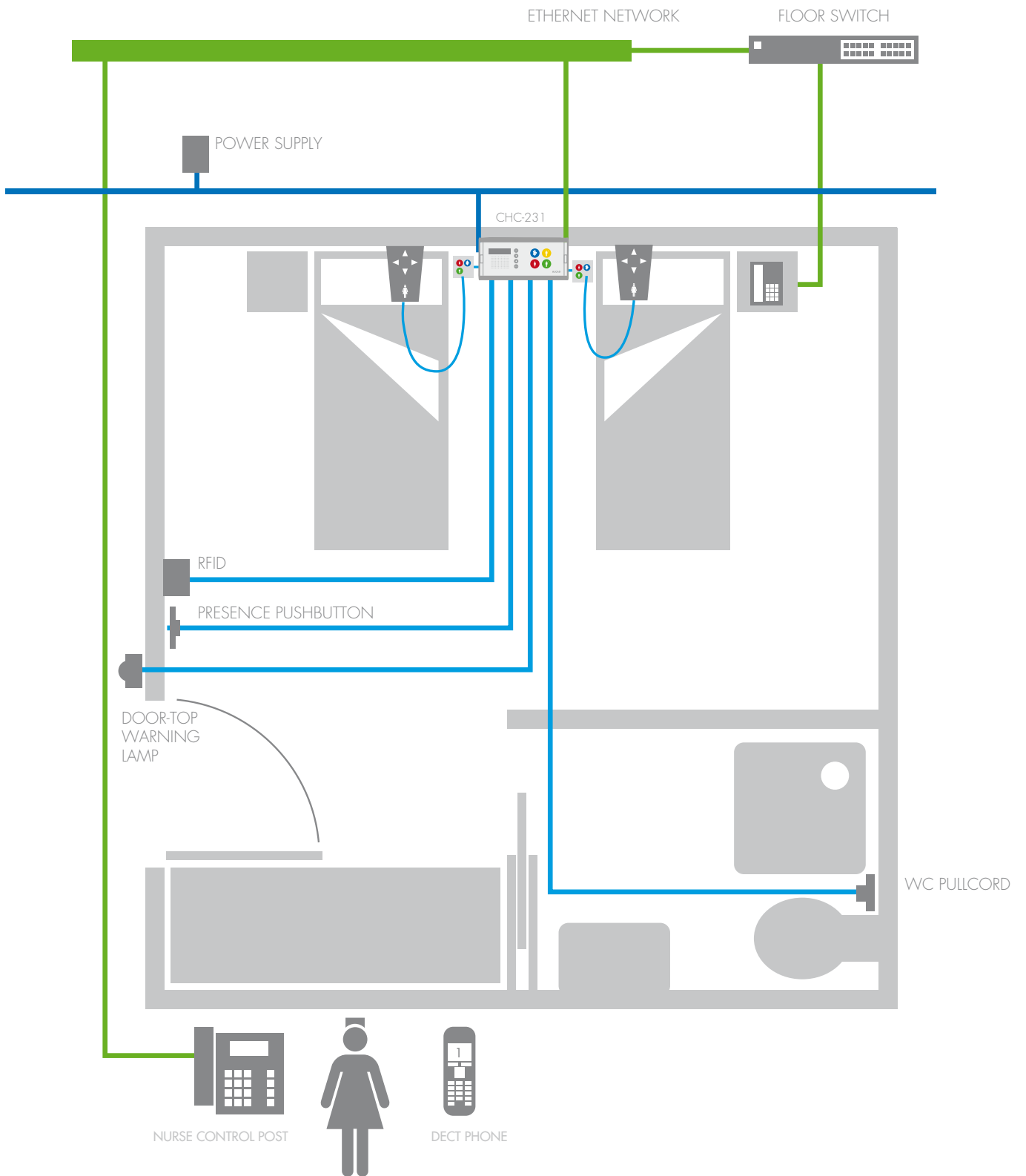
06

ADITIONAL INFORMATION

GENERAL SCHEME

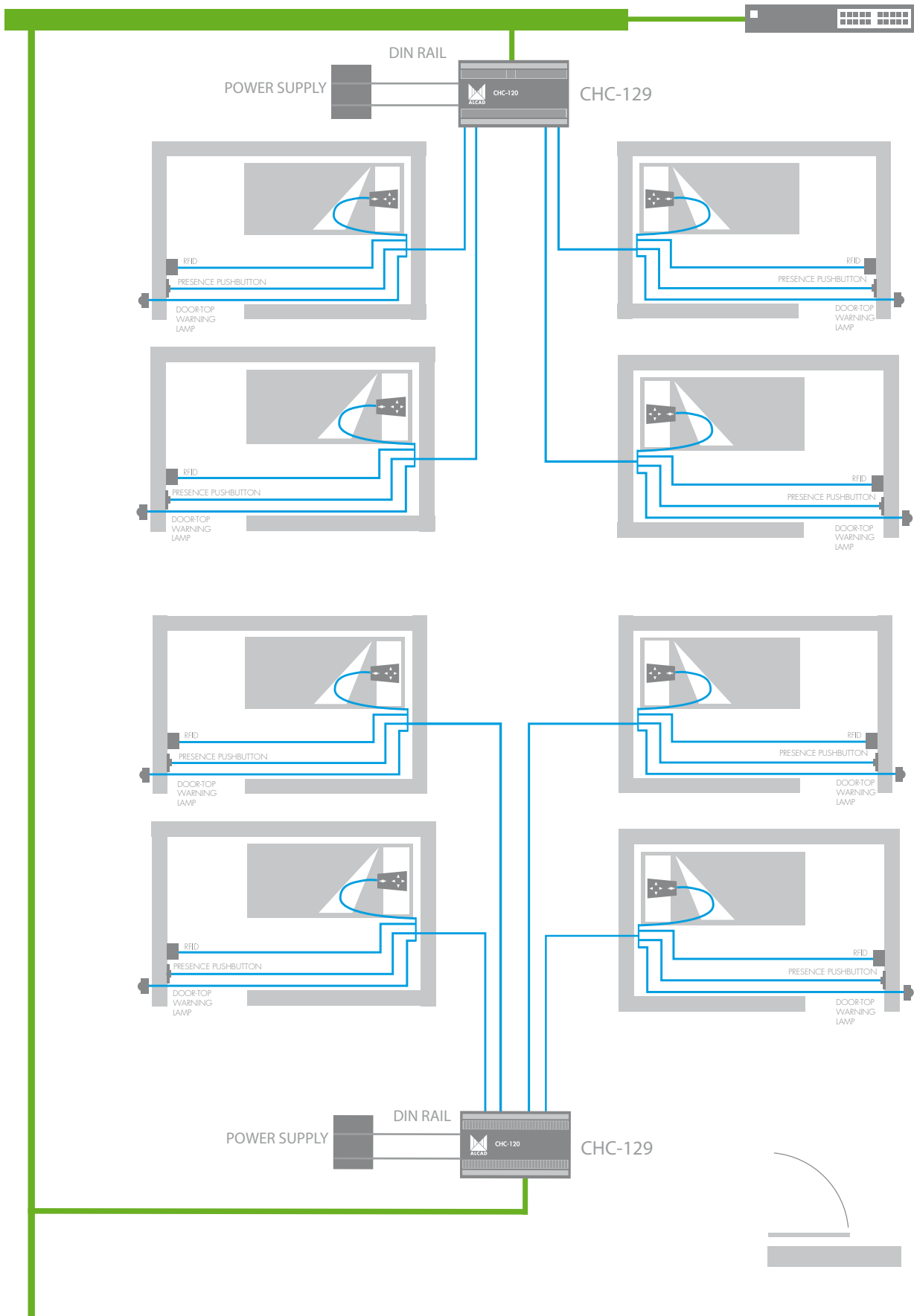


ROOM SCHEME



06 ADITIONAL INFORMATION

BOX SCHEME



EXAMPLE QUOTATION

A typical budget for a hospital or residence is shown below. The installation consists of 60 double rooms distributed on two floors with a computer and telephone control post. also, a DECT cordless telephone per floor is included to offer mobility to the staff when dealing with requests.

The ground floor of the center has 8 geriatric bathrooms that will require assistance alarms.

And finally, the center has a digital PBX, to be integrated into the nurse call system to receive calls from the CHCs in the existing terminals.

Elements for room and geriatric bathrooms

ROOM POSTS			
9400017	CHC-231	Touch room post with audio	60 pc.
9740217	CMO-406	Pladur flush-mounted box for CHC-2xx	60 pc.
9400013	ACC-040	Replacement connection board for CHC-2xx	60 pc.

ROOM PERIPHERALS			
9410088	LLC-201	Bed unit with call button and connection socket for call handset (DIN8)	120 pc.
9410080	LLC-210	Nurse call button (DIN8 connector)	100 pc.
9410081	LLC-211	Nurse call button with lights control (DIN8 connector)	20 pc.
(Any combination of nurse call button models is valid)			
9410026	ACC-420	Switched bistable relay 24V 1NOC	40 pc.
9410035	LLC-121	Door top warning lamp, red	60 pc.
9410053	SEN-124	Warning lamp, red, green, blue & yellow	60 pc.

*The Centrals have 16 configurable I/O, so we can install up to 8 peripherals of the 941 Series per floor.

GERIATRIC BATHROOMS POST			
9400047	CHC-129	Multi- room central	1 pc.

GERIATRIC BATHROOMS PERIPHERALS			
9410039	SEN-121	Door top warning lamp, red	1 pc/bathroom: 8 pc.
9410039	SEN-121	Door top warning lamp, red	1 pc.
9410035	LLC-121	Bathroom call unit with cancellation	1 pc/bathroom: 8 pc.
9400038	ACC-608	IOs grouper - 1 block 8 to 1	1 pc.

POWER SUPPLY UNIT			
9400002	FAC-070	Power supply unit, 24V-5A	5 pc.

*Each FAC-070 can feed up to 15 CHC-23x and 5 CHC-129

NURSE CONTROL POST			
TELEPHONIC			
9420125	TFI-161	IP phone (6 lines)	2 pc.

WIRELESS CONTROL POSTS

To cover the need of wireless telephone service, we should know both the length and layout of each floor. As we don't have these data, we estimate that 4 base stations are needed, installing two stations in each floor (DEC-305), with their corresponding power supplies.

9420122	DEC-305	DECT/IP base station (indoor)	2 pc/floor: 4 pc.
9420037	DEC-302	IP DECT BASE power supply	1 pc/station: 4 pc.
9420048	DEC-316	License 10 DECT/IP base station	1 pc.
9420039	TFD-300	Professional DECT phone	1 pc/floor: 2 pc

COMMON ELEMENTS

9430016	SRG-120	Server	1 pc.
9440100	SWG-200	License server - ALCAD NURSE CALL 4.x	1 pc.
9440101	SWG-201	License CHC/CHI - ALCAD NURSE CALL 4.x	1pc/CHC/CHI: 61 pc.
9430027	SWI-163	Managed Switch 48P (16+4FO)	2 pc.

INTEGRATION WITH EXISTING PBX

9420030	GTF-323	Telephone gateway 4 rdsi bri	1 pc.
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CONFIGURATION SERVICES

9500101	IPP-303	System configuration	1 pc/ server: 1 pc.
9500102	IPP-305	In factory configuration - point	1 pc/CHC: 61 pc.

CODE	TYPE
9300065	TCA-100
9400002	FAC-070
9400007	DKA-230
9400010	FAC-050
9400013	ACC-040
9400017	CHC-231
9400018	RAB-010
9400021	CHC-042
9400022	ACC-121
9400036	ACC-602
9400037	ACC-604
9400038	ACC-608
9400046	ACC-048
9400047	CHC-129
9400048	CHC-043
9400050	CHC-234
9400053	CHI-043
9410007	ACC-100
9410015	SNI-009
9410020	SNS-020
9410021	SNS-030
9410025	ACC-340
9410026	ACC-420
9410034	LLC-120
9410035	LLC-121
9410036	LLC-130
9410037	LLC-131
9410038	LLC-132
9410039	SEN-121
9410040	SEN-122
9410045	SEN-123
9410049	SNS-221
9410050	SNS-211
9410051	LLC-140

CODE	TYPE
9410052	LLC-141
9410053	SEN-124
9410054	LLC-142
9410055	LLC-143
9410067	ACC-110
9410068	RFI-222
9410069	RFI-212
9410072	ACC-101
9410073	SNI-101
9410074	SNI-108
9410075	SNI-110
9410076	SNI-112
9410079	LLC-200
9410080	LLC-210
9410081	LLC-211
9410083	LLC-147
9410084	LLC-205
9410085	LLC-148
9410088	LLC-201
9410089	LLC-202
9410090	LLC-203
9410091	LLC-204
9410092	LLC-209
9410096	LLC-640
9410097	LLC-641
9410098	LLC-642
9410099	LLC-643
9410100	ACC-161
9410104	LLC-122
9410105	LLC-123
9410106	LLC-139
9410107	LLC-149
9410231	SEN-125
9410234	LLC-430

CODE	TYPE
9410235	LLC-440
9410236	LLC-441
9410239	LLC-442
9410240	LLC-443
9410241	SEN-126
9410244	LLC-431
9410245	LLC-432
9410246	LLC-433
9410248	SEN-421
9410251	SEN-424
9410255	LLC-406
9410256	LLC-407
9410257	LLC-408
9410258	LLC-409
9410259	LLC-434
9410260	LLC-421
9420018	GTF-013
9420019	GTF-014
9420029	GTF-322
9420030	GTF-323
9420031	TFD-121
9420037	DEC-302
9420039	TFD-300
9420048	DEC-316
9420049	DEC-326
9420050	DEC-356
9420051	TFI-215
9420101	PBX-010
9420102	PBX-020
9420103	PBX-110
9420122	DEC-305
9420123	POR-101
9420124	POR-010
9420125	TFI-161

06 CODES SUMMARY

CODE	TYPE
9420126	TFI-143
9430016	SRG-120
9430019	RFI-001
9430020	RFI-050
9430022	ARK-010
9430023	ARK-030
9430024	ARK-050
9430025	SAI-010
9430026	SWI-143
9430027	SWI-163
9430030	SWI-133
9430031	SWI-100
9430032	PUC-020
9430035	ROU-010
9430036	ROU-011
9430037	ROU-012
9430038	ROU-013
9430041	CER-010
9430042	CER-011
9430046	CER-030
9430052	CER-025
9430057	CER-045
9430058	CER-035
9430059	CER-037
9430063	CER-055

CODE	TYPE
9430069	CER-012
9430070	CER-041
9430071	CER-042
9430074	RFI-202
9430075	RFI-252
9430077	SWI-144
9430078	SWI-164
9430086	SWI-113
9430089	PAG-010
9430090	PAG-012
9430091	PAG-020
9430094	SRG-010
9430105	SRG-310
9430106	SRG-410
9440100	SWG-200
9440101	SWG-201
9500101	IPP-303
9500102	IPP-305
9500103	IPP-315
9500104	IPP-320
9740215	CSU-413
9740217	CMO-406
9750000	CAB-032
9750001	CAB-052
9750002	CAB-004

General Terms of Trade

The acceptance of orders by ALCAD Electronics S.L. implies the acceptance of the following general terms of trade. These terms take priority over the conditions of purchase that may figure on client order forms or other documents.

1. PRICES

Our unit prices are Ex Works Irún. The price that will be applied is the current price in the country of sale at the date of receipt of order. Orders accepted by our agents are only formalised following our confirmation.

2. TRANSPORT

Transportation costs will be paid for by the client. The risks of transport and problems that could occur during transportation will be at the expense of the client, even when the goods are shipped free delivered. The client will adopt the necessary measures with the transport company the moment the goods are received and will have to confirm by registered letter the event of any loss or damage caused to the goods, and send a copy of the same letter to the shipping agent.

3. DELIVERY TIMES, DELIVERIES, RETURNS AND COMPLAINTS

ALCAD Electronics, S.L. will only accept orders that are confirmed in writing. Delivery times are only indicative and the delays that may occur cannot be held as a reason to refuse the acceptance of the material or as a cause for compensation.

ALCAD Electronics, S.L. reserves the right to organise the delivery of the goods in one or several shipments, and to invoice the goods in accordance with the agreed terms. No return of material will be allowed without the express prior authorisation of ALCAD Electronics, S.L. In the event that the return of the material is accepted, the goods must be in perfect working condition and in their original packing and sent to us carriage-paid with a photocopy of the authorisation of the return and the initial invoice.

Any complaint regarding the delivered material must be made within the 8 days that follow the reception of the goods.

4. GUARANTEE

The material is guaranteed for two years following the date of the invoice for the ALCAD products to the end client and will be validated by the presentation of the purchase document of the product in question.

The guarantee is strictly limited to the replacement of the materials supplied by ALCAD Electronics, S.L., and does not cover any damage or breakdowns due to misuse, incorrect installation, or prohibited manipulation or handling of the materials, carried out by the client before returning the goods to ALCAD.

This guarantee does not imply any liability on part of ALCAD Electronics, S.L. for compensation or damages whatsoever.

5. TERMS AND CONDITIONS OF PAYMENT

Each of the agreed terms and conditions of payment will be negotiated with the client and confirmed in writing. Any delay in the agreed date of payment could be cause for an additional invoice to cover the costs of delay and damages.

6. RESERVE OF OWNERSHIP CLAUSE

ALCAD Electronics, S.L. reserves the rights to full ownership of the goods until the purchaser has totally satisfied the full payment of the agreed price. The purchaser is obliged to make every effort to preserve and maintain the goods in perfect order and to cover the goods with a fully comprehensive insurance policy. Should the purchaser fail to satisfy any of their obligations, ALCAD Electronics, S.L. may exercise its rights of ownership and withdraw the goods or demand the fulfillment of the obligation of payment.

7. COMPETENT JURISDICTION

For any question relating to the fulfillment or interpretation of the contract or its incidence, the parties, with the express renunciation of any other body or authority that may correspond to them, agree to submit any dispute to the competence of the courts and tribunals in the jurisdiction of our registered head office.

8. CONCERNING THIS DOCUMENT

The revisions of the designs and the manufacturing processes may obligate Alcad Electronics S.L. to modify some values and specifications of the products. Due to this fact, the technical data included in this Short Form Catalogue are indicative values, as well as the pictures and any drawing or scheme included.

Alcad Electronics S.L. reserves the right to introduce in their products without any previous notice the modifications considered necessary, this not being prejudicial to their main features. Any data or value considered transcendental when placing an order will have to be previously verified by the purchaser, contacting Alcad Electronics S.L..

The item codes are subject to changes without previous notice.

This Short Form Catalogue cancels and replaces all the previous ones.

MULTIMEDIA

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of TV signals |
IPTV

DOOR ENTRY SYSTEMS

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Access Control

HEALTHCARE

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100% IP



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