

## Healthcare establishment

### DESCRIPTION

Healthcare establishment with approximately 115 rooms, with Wi-Fi access for staff and visitors.

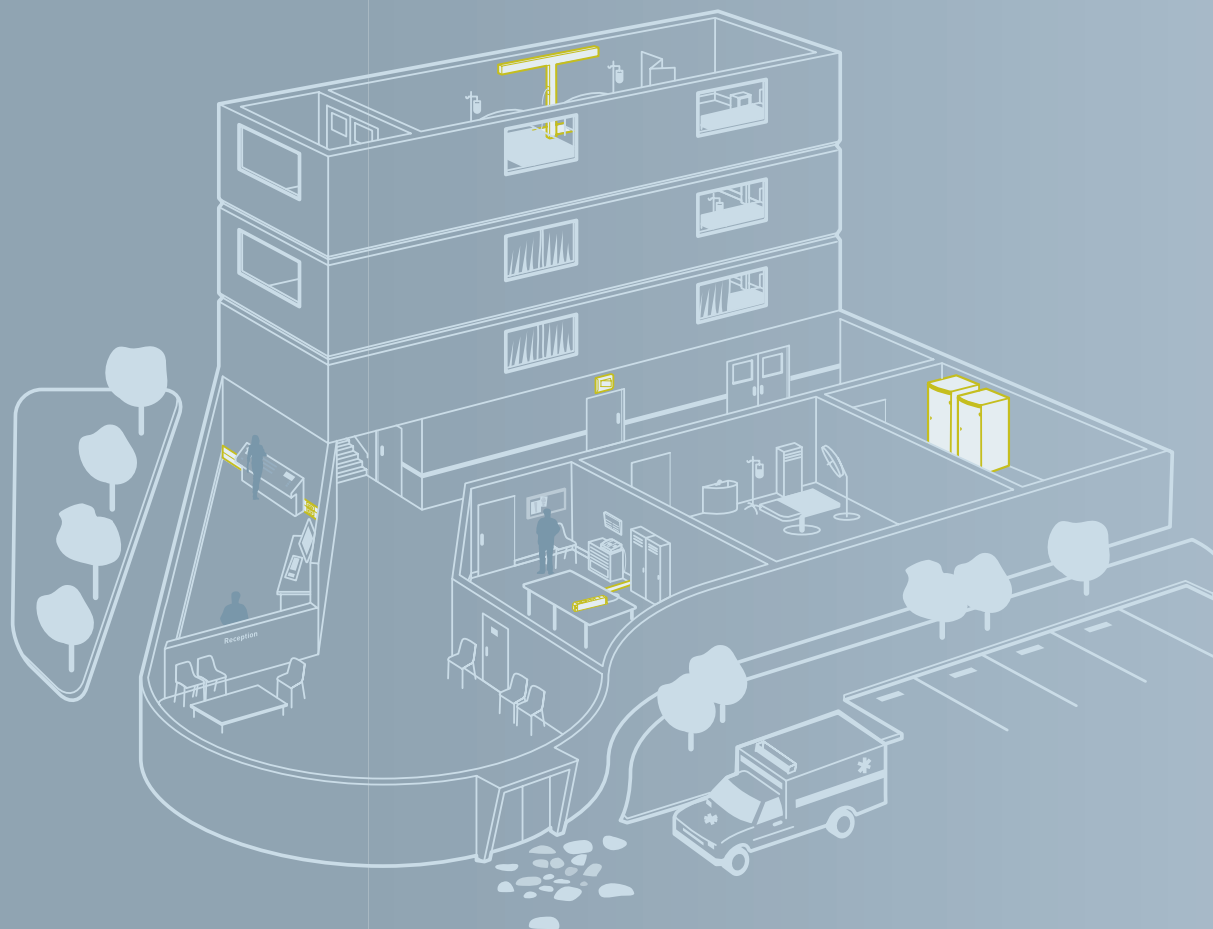
### REQUIREMENTS AND SOLUTIONS

#### STRUCTURED CABLING

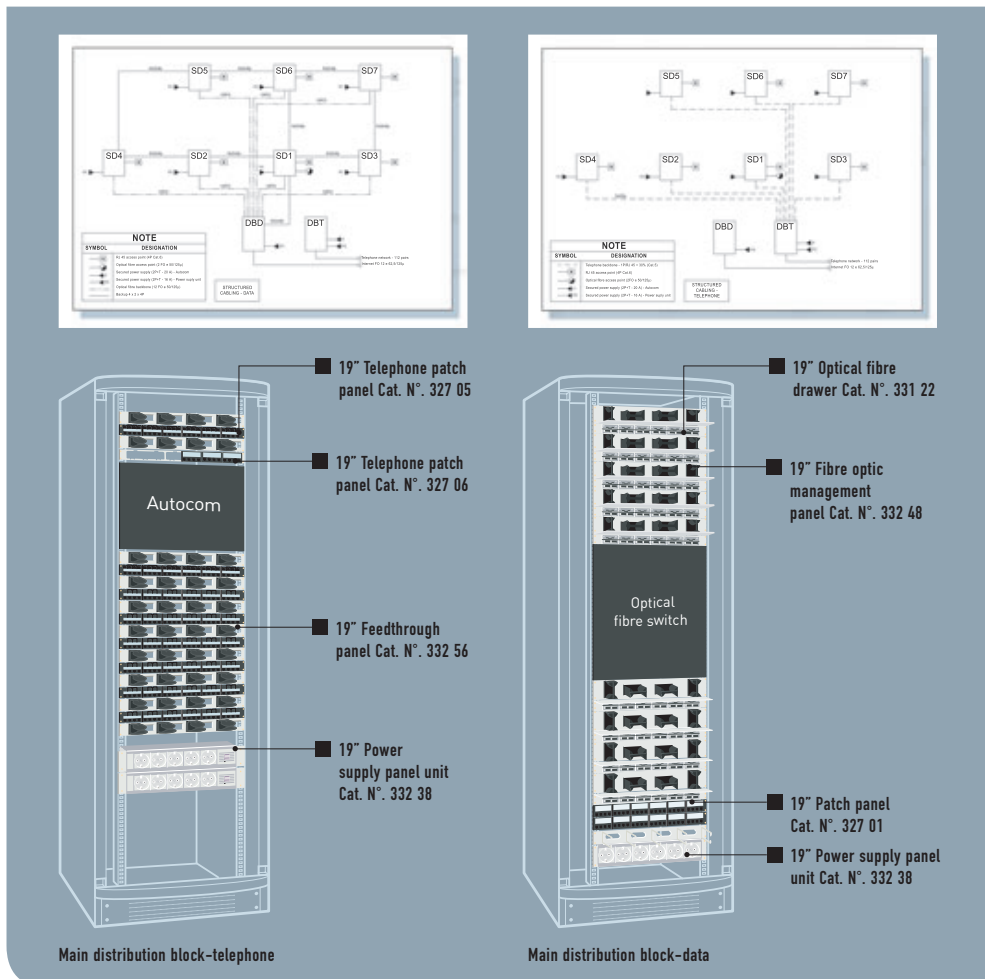
- Standard speed requirements: FTP category 6 horizontal wiring
- Optical fibre data backbone
- In the offices/reception part: Mosaic solutions on trunking and feeder modules
- In the medical parts: bedhead trunking units and Applique Elioflux lighting strips
- Wi-Fi access by installing Wi-Fi access points on trunking.

#### EQUIPMENT ROOM

- Equipment room specifically for low currents
- Houses the main data distribution block and the main telephone distribution block
- The main distribution blocks are connected to 7 sub-distribution blocks via optical fibre links
- Very secure architecture: protected supplies and security between distribution blocks.



## Healthcare establishment (continued)



### MAIN DISTRIBUTION BLOCK - TELEPHONE

EQUIPMENT			
Designation	Cat. N°.	Quantity	Total size
Equipped patch panel for telephone digital networks (autocom entry)	327 05	8	8 U
Patch panel UTP for 24 RJ 45 connectors equipped with:	327 06	1	1 U
- Telephone unit, 8 RJ 45 connectors 3-6/4-5 contacts	327 04	1	-
Autocom	-	1	4 U
Feedthrough panel, 2 axes	332 56	10	10 U
19" power supply unit 6x2P+E sockets + MCB	332 38	2	4 U
TOTAL EQUIPPED SPACE			27 U
RESERVE (30% TO 50%)			14 U
PROPOSED ENCLOSURE			42 U
19" XL VDI enclosure 42 U 800 x 800 mm	332 99	1	-
ACCESSORIES FOR ENCLOSURE			
Designation	Cat. N°.	Quantity	Total size
Plate with 3 fans 230 V	348 28	1	-
Thermostat	348 48	1	-
Wire cable tray	331 34	1	-
Set of 2 cable supports	331 69	1	-
CABLES & PATCH CORDS			
Designation	Cat. N°.	Quantity	Total size
Patch cords Cat. 6 F/UTP 2 m	517 63	280	-

### MAIN DISTRIBUTION BLOCK - DATA

EQUIPMENT			
Designation	Cat. N°.	Quantity	Total size
Equipped patch panel 24 RJ 45 FTP Cat. 6	327 01	1	1 U
Feedthrough panel, 2 axes	332 56	1	1 U
Power over Ethernet (PoE) injector for Wi-Fi access points, 19" format	327 39	1	1 U
Optical fibre switch	-	1	6 U
Optical fibre drawer to be equipped with:	331 22	8	8 U
- Optical fibre units, SC for 4 multimode fibres	327 29	24	-
- Blanking plate	327 25	24	-
Fibre optic management panel	332 48	8	16 U
19" power supply unit 6x2P+E sockets + MCB	332 38	1	2 U
TOTAL EQUIPPED SPACE			35 U
RESERVE (30% TO 50%)			7 U
PROPOSED ENCLOSURE			42 U
19" XL VDI enclosure 42 U 800 x 800 mm	332 99	1	-
ACCESSORIES FOR ENCLOSURE			
Designation	Cat. N°.	Quantity	Total size
Plate with 2 fans 230 V	348 28	1	-
Thermostat	348 48	1	-
Wire cable tray	331 34	1	-
Set of 2 cable supports	331 69	1	-
Set of 2 vertical trim plates with brush openings	346 98	1	-
CABLES & PATCH CORDS			
Designation	Cat. N°.	Quantity	Total size
SC/SC duplex patch 2 m	330 70	48	-