

Rebuilding the main site of the Reims University Hospital



Our strenghts

- Solutions that go beyond the usual regulatory standards
- Improving accommodation and working conditions
- Secure access
- Better soundproofing, high X-ray protection and reinforced waterproofing

In 2020, the CHU (University Hospital) of Reims launched a vast investment plan to modernise its infrastructure.

The aim of this ambitious property project is to prepare the hospital for the major healthcare challenges of the coming decades, by meeting the growing expectations of patients and healthcare professionals. It includes an expansion of outpatient care, a significant improvement in accommodation conditions and a working environment that is better adapted to medical innovations.

Portalp was commissioned to develop and integrate automated access and associated access control systems tailored to customer requirements. The challenges encountered were particularly adapting to these particularly demanding customer requirements. Our solutions had to be modified to go well beyond the usual regulatory standards, in particular to adapt to the different operating modes of the CHU and the specific tools it uses.

These efforts were crucial in guaranteeing a secure and functional environment, in line with the university hospital's ambitions for innovation.

COUNTRY: France

CITY: Reims

MARKET: Hospitals

SOLUTIONS: Automatic watertight and fireproof doors; Curtain walling – External joinery – Occultations; Metalwork ; Internal joinery – Fixtures and fittings

PROJECT DURATION: 1 year of design, 2 years of execution, adaptation of the design phase as the project progresses

FUNCTIONAL REQUIREMENTS:

- Degree of fire resistance
- Tightness performance required to guarantee air handling levels in specific operating theatres
- Acoustic attenuation performance
- Very high X-ray protection in radiology
- Access security

Our solutions:

200 automatic sliding doors with controlled airflow

- 70 with G25 casements
- 73 with HDS frame and blackout blind
- 53 with HDS frame, without blind
- Finishes: anodised aluminium frame
- Acoustic insulation, various sizes, 1 or 2 leaves



33 X-proof automatic sliding doors

- 30 with oculus
- 2 sizes
- 1 leaf
- Finishes: laminate and aluminium, weatherproof, sound-absorbing and scratch-resistant X

33 swing door operators

- 15 for double doors
- 8 for single doors
- 3 for single swing watertight doors - X-ray protection
- 7 for double watertight doors - X-ray protection

