

# IN-BUILDING COVERAGE

Leading healthcare company

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## LEADING HEALTHCARE COMPANY

### PROJECT

In 2016, a global leader in healthcare appoints Axione to roll out a solution that will provide a new building located near Lyon with 3G/4G mobile network coverage. The project is so successful that the client renews its confidence in Axione, signing a new contract with it in 2020.

75

RADIO ANTENNAS INSTALLED

8,575

M<sup>2</sup> OF NETWORK COVERAGE

100+

EMPLOYEES BENEFITTING FROM SERVICE

### The challenge:

Axione was tasked with deploying an indoor coverage solution enabling carriers to deliver a 3G/4G mobile network in four new high-specification, modern buildings for a global leader in the healthcare sector. The 75 installed antennas will provide several hundred employees with optimal connectivity both in the three offices (6,700m<sup>2</sup>) and the cafeteria (1,875m<sup>2</sup>). This multi-carrier solution is ideal for the site which houses staff from all over the world.

“ Indoor coverage solutions are increasingly being used today in buildings where new ‘HQE’ energy performance standards prevent outdoor coverage from penetrating indoors. The technology ensures full continuity of mobile phone services and enables users to work seamlessly thanks to maximum connectivity. In this type of project, the client becomes the owner of the infrastructure. It’s a real digital asset. ”

Laurent Chareyre, Lyon production unit manager

## AXIONE'S SERVICE

We provided the client with an end-to-end solution:

### Design of indoor engineering

- Completion of concept studies and engineering.

### Installation

- Installation of 75 radio antennas in company's four buildings: three offices (6,700m<sup>2</sup>) and a cafeteria (1,875m<sup>2</sup>).

### Execution

- Optimal multi-carrier coverage over total surface area of 8,575m<sup>2</sup>.

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### Axione's added value

- Provides a neutral interface
- Undertakes works with complex sequencing
- Adds expertise in radio engineering and carrier interfaces
- Operates simultaneously with other trades on site
- Delivers projects on time and in line with required quality standards

### CUSTOMER BENEFITS

Buildings...



that are better  
connected and  
more efficient

- A solution that meets and is tailored to the new "HQE" energy performance standards established in buildings which prevent radio waves from penetrating indoors.

#### User benefits

- Access to 2G, 3G, 4G networks across the site.
- A multi-carrier solution that accommodates employees from all over the world on site.

### KEY INFORMATION

2G, 3G, 4G indoor network coverage // Prime contractor: **Axione** //  
Client: **healthcare company** // Start of works: **November 2018** //  
Completion of works: **June 2020**