

# Case Study

## **Telecit**Group

### Condorcet Data Center

Customized connectivity solution



#### **Location**

Aubervilliers,  
région parisienne,  
France

**Rexel France**

**Telecit**Group

February 2011

**REXEL**

ELECTRICAL SUPPLIES

With custom-designed solutions, Rexel helps a data center equipped with the best technologies and IT infrastructures perform to its full potential.



## The Project

**TelecitGroup, the leading provider of premium network independent data centers in Europe,** chose Rexel to recommend and supply connector solutions (power distribution and data) for the Condorcet Center, its third data Center in Paris.

**The Condorcet Center** now comprises 3,400 m<sup>2</sup> in hosting rooms and offers 6.4 MW in high-quality power. Inaugurated in 2010, it was awarded “Best European co-hosting site”, at the Data Center Europe Awards. In February 2011, TelecitGroup commissioned two new hosting rooms, thereby doubling the center’s capacity in this area.

**With this latest of its Paris-based data centers,** TelecitGroup wanted to offer best-in-class service continuity, energy efficiency and a low carbon footprint.

## Testimonial

*“We particularly appreciate the responsiveness and flexibility of Rexel’s teams. They were ready with suggestions very early in the process, from the study phase. As distributors, they provided equipment from the best manufacturers in each category and their ability to provide just-in-time equipment minimized our own inventory, all the while guaranteeing the highest level of security on new commissioning and maintenance operations”.*

**Nicolas Buono,** Director of Operations, TelecitGroup France

## Rexel’s Challenge

**In 2009, TelecitGroup came to Rexel** for a formal proposal on the best IT and electrical equipment solution for its new data center. Its request focused on two aspects:

- Consulting: recommending the most appropriate solution for the building’s electricity set-up and data connectivity (Carrier-Rooms, Meet-Me-Rooms, technical decks, hosting rooms)
- Adaptability: above and beyond the construction, being able to respond to requests for specific hosting environments from TelecitGroup clients at the data center, as they come in

**Rexel thus faced a three-fold challenge:**

- Addressing the data center’s highly-exacting specifications with regard to efficiency and security
- Offering budgeted solutions within a tight deadline so that TelecitGroup would be able to address each client’s requests as quickly as possible
- Working with TelecitGroup and its customers over the long term, throughout each of the installation, operation and maintenance phases.

## The solution offered

In order to provide the most carefully-tuned response to TelecityGroup's request, Rexel worked on solution design very early in the process. It then advised and designed:

### A high-security connector solution suited to the building's structure

- To respond to TelecityGroup's security requirements, Rexel recommended a "high-voltage" solution built with PVC-free LSZH wire, which does not give off toxic fumes in the event of fire – a feature essential when aiming to ensure individual safety and protect the environment.

- To adapt to the racks and cable pathways arranged across the Condorcet site's overhead decks, Rexel recommended that Brand-Rex VDI data cables\* be installed. These are lightweight and compact wires (5.4 mm in diameter) and are perfectly suited to the site's set-up. The key function of the new 10Gb Ethernet cables (and the fibre optic cables that are also part of the solution) is to convey data stored in the data center. Their quality is thus essential to ensuring service continuity for all data center clients.



### Extensive protection and lighting equipment in the data center

The aforementioned is backed up by an extensive range of electrical equipment, such as circuit-breakers, Ground Fault Current Detection Systems, cable pathways and low-consumption lighting solutions.

### Real-time logistical support

Rexel offered a reliable, straight-forward logistical support, thanks to its Rexel branch in Aubervilliers, in the immediate vicinity of the Condorcet site. The batches of equipment were delivered on-site or made available to the assembly and mounting teams, as the project progressed, thus keeping equipment storage on the site to a minimum. Pre-connected cable solutions (bundles) were also implemented, thereby facilitating installation and optimizing timeframes.

*VDI\* : Voice Data Image*

## Rexel's added value

- **Over ten years' expertise** in data center equipment
- **Deeply-involved upstream** from the project, from the design stage
- **Connectivity product recommendations** perfectly in step with site characteristics, combined with long-term technological intelligence
- **Just-released products** (cables, right-angle panels)
- **Flexible, safe logistics solutions**

The electrical efficiency of the equipment marketed and recommended by Rexel is an essential part of its added value. Above and beyond equipment performance, Rexel also offers its expertise in energy efficiency. In early 2011, it held an information session for the TelecityGroup teams on best practices in eco-efficiency.

## Key figures

### The Condorcet Center

- TelecityGroup's 3rd data center in Paris
- 3,400 m<sup>2</sup> of client hosting space
- A three-fold, 2(N+1) power distribution system
- 6.4 MW in customer power supply
- Certified ISO 27001:2005, ISO14001:2004, ISO9001:2000, OHSAS18001:2007, PCI-DSS

### Rexel's contribution

- Time cut to one month from signature to completion of initial electrical installation in building
- Several hundred kms of high-voltage and data cables
- 24/7 availability for key contracts



## TelecityGroup

TelecityGroup is the leading premium provider of highly connected data centres in Europe\*, offering a range of flexible, scalable data centre and value added services in highly connected and secure environments.

Headquartered in London, TelecityGroup operates 24 network independent data centres across seven European countries. The data centres are located in prime positions for commerce and connectivity, including Amsterdam, Dublin, Frankfurt, London, Manchester, Milan, Paris and Stockholm.

TelecityGroup is listed on the London Stock Exchange (LSE: TCY)

\* Tier1 Research - Multi-Tenant Datacenter Global Markets Overview – 2011



## Rexel Group

Rexel, a global leader in the distribution of electrical supplies, serves three main end markets: industrial, commercial and residential. The Group operates in 36 countries, with a network of some 2,200 branches, and employs 28,000 people. Rexel's sales were €12.0 billion in 2010. Its majority shareholders are an investor group led by Clayton, Dubilier & Rice, Eurazeo and BAML Capital Partners.



## Rexel France

Leading French player in distribution of electrical supplies. Operating in the industrial and the residential and commercial building markets, Rexel France supports its customers in carrying out major projects. Present throughout France with a network of 440 branches and two commercial banners, Rexel and Coaxel, Rexel France has sales of €2.3 billion.

