ENVIRONMENTALLY RESPONSIBLE INFRASTRUCTURE
CENTER PARCS

axione

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PROJECT

Center Parcs called on Axione's expertise to design and deploy "green" optical architecture covering 850 cottages throughout the Bois aux Daims village (in the Vienne department, western France). The technology used provides a comprehensive solution that is efficient, cost-effective and ecological.

40%	**90%**	**20**
REDUCTION IN ENERGY USE	**OF FLOOR SPACE FREED UP**	**KM MAXIMUM SPAN BETWEEN EACH COMPONENT**

The challenge:

In order to provide customers of the village with secure **high-speed connectivity**, our experts used the POL (Passive Optical LAN) technical solution to install network infrastructure connecting 850 cottages and all the technical sites and communal areas throughout the Bois aux Daims Center Parcs resort in the Vienne department in western France. This means that each holiday-maker can **enjoy full network coverage in their accommodation, with high-speed access** to various services including TV, Wi-Fi and internet.

> "
> *Thanks to its technological expertise, Axione has delivered a* ***comprehensive solution that offers connectivity throughout the Center Parcs site*** *and meets user needs.*
> "
>
> **- Eric Tournois, sales department for managed services for regions at Axione**

AXIONE'S SERVICE

We supplied our customer with an **end-to-end solution that is environmentally friendly, cost effective and efficient:**

The POL (Passive Optical LAN) technology deployed is based on passive fibre-optic point-to-multipoint architecture. The proposed solution is used in fibre roll-out in France.

The network, monitored by the **Pau operations centre, brings together the full range of IT technologies.**

The technology requires little equipment, keeping the number of technical facilities located on site to a minimum. Plus, the boxes installed in each of the park's lodges are energy efficient and **free up 90% of the floor space in relation to conventional equipment.**

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Axione's added value

- Operates and monitors infrastructure to ensure the system offers high-availability services

- Provides comprehensive and environmentally friendly solutions

- Uses high-performance and innovative technology

- Delivers projects on time and in line with required standards

CUSTOMER BENEFITS

More efficient and environmentally responsible… infrastructure

- Operation and monitoring of a reliable network that provides better and more secure connectivity at the resort

- More energy-efficient infrastructure

User benefits

- Full connectivity for users in their cottages and throughout the resort

KEY INFORMATION
Environmentally responsible infrastructure
Prime contractor: **Axione**
End client: **Center Parcs**
Start of works: 2015 // Completion of works: 2016