



# REST HOME,

*Verenigde godshuizen (Brussels)*

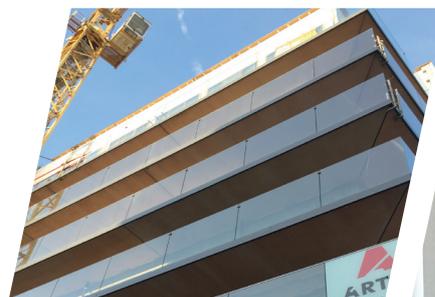
<b>END CUSTOMER</b>	CPAS Bruxelles
<b>LOCATION</b>	Bruxelles (Belgium)
<b>OBJECTIVE</b>	Furnish in very short time a cable with the new anti-fire standard, certified and compliant with the specifications
<b>PROPOSED SOLUTION</b>	740 lines of the F2 cat6A U/FTP cable with the new anti-fire standard
<b>CONTRIBUTORS</b>	Etau (Architect), Artes Roegiers (Civil construction and engineering), EnSolution (installer)

## GIGAMEDIA RISES TO THE CHALLENGE OF LOW-ENERGY BUILDING

(Rest home, Verenigde godshuizen, Brussels)

### THE PROJECT

The project consisted of the renovation of a nursing and care home in a brand new, low-energy building for people with degenerative diseases such as Alzheimer's disease or senile dementia (the building is 8,500 m2 and has 129 beds). The needs in this type of building are significant (life expectancy is increasing, and more and more elderly suffer from these diseases).



The building, in the heart of Brussels, dates back to the 70s. The aim was to transform it into an «exemplary low-consumption building». This was a major renovation because this project required exposing the floors to meet the requirements of room surfaces and energy performance.



All the energy techniques used are regulated by a **centralised system** (centralised technical management, a connection to the computer network with double flow ventilation system, free cooling, mechanical opening of the chassis for intensive ventilation of the building, etc.). In case of heat wave, one wing of a floor has been air-conditioned to accommodate the occupants. The active and passive cooling system offers a level of temperature comfort all year round. The consumption data can also be viewed remotely thanks to the computer system in place.

The bays have been enlarged to allow suitable natural lighting. Automatic motorised external blinds have been installed (sensors take account of wind speed, outdoor temperature, solar radiation). There is also a winter garden on each floor.

The building received the Batex award from the City of Brussels, which means that it is recognised as an exemplary building for its energy and environmental benefits.

#### THE GIGAMEDIA CABLE USED

740 lines of the F2 cat6A U/FTP cable with the new anti-fire standard were installed. Certified and compliant with the specifications, this cable met all expectations.

Thanks to the reactivity, the numerous exchanges and the commitment of all the parties involved, the installation went smoothly.

Cable reference: C6AUF4PFRT5

