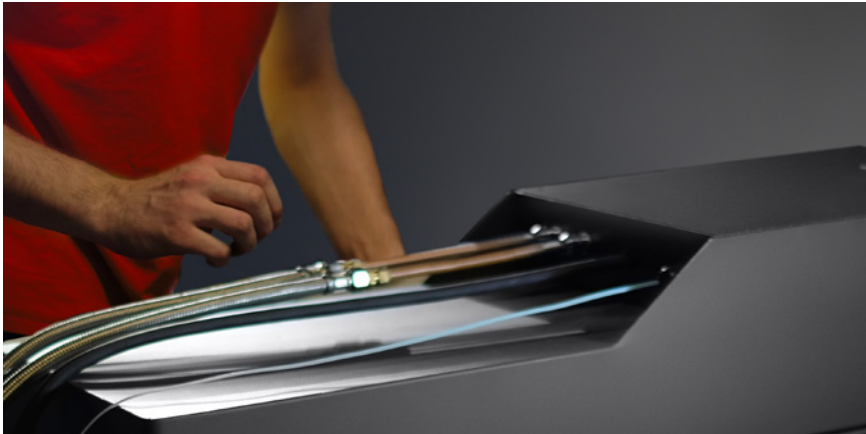**Qarnot is the first company in the world to make use of the heat produced by computer processors to heat water and buildings economically and ecologically. The QH·1 computing heater features embedded microprocessors which emit heat while performing computer processing for third-party companies. Dealing with two types of clients, therefore, Qarnot provides distributed computer processing within buildings and recycles the resulting waste heat.**

QARNOT COMPUTING

SUMMARY

Client	Qarnot - https://www.qarnot.com
Sector	Heating and computer processing
Location	Hauts-de-Seine
Challenge	Distributed computer processing
Solution	DGS-1510 switch series
Results	Improved network productivity, scalability and ease of maintenance

Based in Montrouge in the French département of Hauts-de-Seine, Qarnot Computing specialises in providing high-performance computer processing hand-in-hand with stationary heating. To complement its first model, the QH-1 computing heater, a second model has now been added to the range: the computing boiler. The radiator heats the room as soon as it is switched on and Qarnot reimburses the user for the electricity used for heating.

Challenge

With computing heaters installed in the offices of companies wanting to heat their premises on the one hand, and companies looking for the power of cloud computing on the other, Qarnot needs to install a distribution cabinet in addition to computing heaters to make its eco-system work, in order to interconnect the heaters installed in each room of each apartment/company with a central system located in the basement of the same building.

Solution

For this installation, Qarnot required a reliable and reputable switch provider like D-Link. D-Link's experience, particularly with regard to modularity and speeds, combined with its professionalism, competitive prices and wide range of products, provided the solution.

Switches.

- 100 x DGS-1510-28X
- 50 x DGS-1510-52X

Results

The implementation was very straightforward with no unpleasant surprises, using a material that met Qarnot's expectations. The materials proved their reliability in practice: our installations work perfectly.

With a rapidly growing business, Qarnot is likely to use D-Link and its products and services again. With new heating computers, as well as a new computing boiler launched last winter, Qarnot is also installing computing power in vacant warehouses thanks to a strategic partnership with the Casino Group. The computing boiler and the computing power in warehouses are actually two different products. The market leads us to expect that their business will continue to grow.

Products & Services

- DGS-1510 Smart Managed Gigabit Switches

Series
DGS-1510