Data4 enters the liquid cooling adventure in partnership with OVHcloud

The two French companies are forging a long-term partnership by hosting the OVHcloud's unique liquid cooling solution, for an efficient cooling of data centres.

Paris, January 31st 2024 – [**Data4**](), French operator and investor in the data centre market, and **OVHcloud**, the European cloud leader, have announced their collaboration to support their respective customers throughout the cloud value chain. Following a consultation of the main players in the colocation market, OVHcloud has selected Data4 for its Marcoussis site in the Paris region, allowing the cloud leader to consolidate its leadership over this strategic area.

OVHcloud's objective was to find a rapidly available infrastructure with excellent fibre connectivity. The data centre chosen would hence have to combine this connectivity with an ability to connect to OVHcloud's international network points of presence in Paris. Data4's exceptional campus in Marcoussis succeeded in meeting the fundamental infrastructure criteria set by the European cloud leader. The potential to extend OVHcloud's platforms beyond the initial scope of the project also made a difference.

Optimizing energy efficiency and measuring environmental impact: a common commitment

OVHcloud selected Data4, a company which has always placed innovation at the heart of its development. The European data centre operator is committed to a resolutely sustainable approach right from the design stage, thanks to an in-depth life cycle analysis (LCA) of its infrastructures to assess their environmental impact.

Among other cutting-edge solutions for achieving greater efficiency, the deployment of liquid cooling technology - a technology for cooling server racks with water - appears to be one of the preferred solutions. The integration of OVHcloud's proprietary water cooling technology, developed and operated by OVHcloud for over 20 years, gives concrete expression to this approach.

In addition, other initiatives taken by Data4 and OVHcloud aim to ensure total transparency for customers with regard to the environmental impact of digital infrastructures and services. Developed by Data4, the Green Dashboard is a management tool integrated into the customer portal, enabling customers to calculate their environmental contribution according to 5 criteria: energy, CO2, water, rare earths and freshwater eutrophication. OVHcloud, meanwhile, recently unveiled its carbon calculator for its cloud services, which provides precise and exhaustive information covering scopes 1, 2 and 3, from the manufacturing phase through to infrastructure operation.

Interconnecting the European leader in cloud computing to Data4's cooling systems directly on the cold water loops saves around 25% on electricity consumption compared with conventional air cooling, thereby meeting the objective of reducing the carbon footprint. Lastly, Data4 has introduced responsible water use within its infrastructures, with a very high WUE at its Marcoussis campus (0.06 l/kWh IT).

"Our relationship with OVHcloud is more than just a contractual one, it's a genuine long-term partnership with Europe's cloud champion. Based on our customer's specific requirements, we have developed a tailor-made solution for integrating its liquid-cooled server racks. Like OVHcloud, we are very committed to measuring and

reducing our carbon footprint, and our dedicated tools are highly complementary (carbon calculator on the OVHcloud side and Green Dashboard on the Data4 side)", explains **Alexandre Delaval, Country Director France, Data4**.

"*In addition to the bespoke colocation solutions provided by Data4 and the great flexibility of the teams, this partnership with Data4 is directly in line with our objectives in terms of our commitment to the environment. I would also like to pay tribute to the excellent relationship between the various teams, as well as their open-mindedness and creativity throughout this project*", adds **Grégory Lebourg, Global Environment Director, OVHcloud**.

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About Data4
Data4 is a major European operator and investor in the data centre market. The Group finances, designs, builds and operates its own data centres.
The Data4 Group has pioneered a model of ultra-connected, resilient and sustainable data centre campuses. Its aim is to provide long-term support for its customers' digital growth by providing them with scalable, secure hosting solutions for their IT servers, ranging from a single rack to a dedicated building.
The Group is committed to a proactive approach to sustainable development through its Data4 Good programme, which is based on 4 main pillars: the environment, people, the community and innovation.
The Data4 Group operates some of the most powerful data centre campuses in Europe, with land and power reserves that are unique on the European market. Data4's data centres in France, Italy, Spain, Poland, Germany and Luxembourg are home to international cloud operators and major telecoms providers, as well as innovative tech companies and multinationals.
For more information: data4group.com

About OVHcloud
OVHcloud is a global player and the European Cloud leader, operating more than 450,000 servers in 40 data centres on 4 continents for 1.6 million customers in over 140 countries. Spearheading a trusted cloud and pioneering a sustainable cloud with the best price-performance ratio, the Group has for more than 20 years relied on an integrated model that gives it complete control of its value chain: from the design of its servers, to the construction and management of its data centres, via the orchestration of its fibre-optic network. This unique approach means that OVHcloud can independently cover all its customers' needs, while enabling them to benefit from the virtues of an environmentally sound model, with frugal use of resources and a carbon footprint that is among the best in the industry. Today, OVHcloud offers state-of-the-art solutions that combine performance, price predictability and complete sovereignty over their data, enabling them to grow with complete freedom.

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