

Interxion reduces cooling system energy consumption with real-time optimisation software

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LONDON, June 4, 2020 /PRNewswire/ -- **Interxion**, a leading European provider of carrier- and cloud-neutral colocation data centre services and a Digital Realty company, announced today it has reduced its cooling system energy consumption by 20% during the first year of an ongoing project with data centre optimisation specialist, **EkkoSense**.

The project – which commenced last February – has been designed to focus on thermal monitoring and airflow optimisation, increasing cooling capacity and reducing the energy cost of cooling equipment at West Drayton, a key London site. The project closely follows a recently announced wind energy agreement for Digital Realty's portfolio in Texas and represents another step towards reducing the combined organisation's global carbon footprint as it looks to set a **science-based target** later in the year.

Throughout the project, Interxion leveraged EkkoSense's EkkoSoft® Critical software, which provides real-time visibility of key data centre operational and thermal performance to monitor the site, identify areas for improvement – such as with the floor grille layout and fan performance – and subsequently recommended the appropriate changes to optimise performance. These software-driven insights were the key driver behind the success of the project, which has helped Interxion reduce cooling system energy consumption by 20%, further improving operational performance.

"The results from our initial project with EkkoSense have been nothing short of impressive," said Jeff Tapley, Group Managing Director, Interxion, a Digital Realty company. "As an organisation, we take very seriously our responsibility to create green, energy-efficient data centres. This means we are constantly looking for innovative ways of reducing energy consumption and ensuring we play our part in supporting the UK's 2050 net zero emissions target."

James Kirkwood, Head of Critical Services at EkkoSense, added, "Interxion and EkkoSense have clearly demonstrated that technological innovation – through advanced thermal optimisation software – can deliver significant energy savings."

"The unique performance analytics built into EkkoSoft® Critical have highlighted airflow and cooling inefficiencies and provided visibility into critical metrics throughout the energy-saving process. The team at Interxion also uses the software on a daily basis for ongoing monitoring and evaluation capacity planning activities to maintain the optimised state as the environment changes," concluded Kirkwood.

The partnership with EkkoSense is one of Digital Realty's many ongoing sustainability projects, including renewable procurement for its EMEA portfolio, wind power for its U.S. colocation business and carbon-free and renewable power supplied to several Northern California properties. The project with EkkoSense is expected to expand to two New York data centres operated by Digital Realty as well as five additional European sites.

About Interxion

Interxion: A Digital Realty Company, is a leading provider of carrier- and cloud-neutral data centre services across EMEA, the Americas and APAC. With over 700 connectivity providers, Interxion has created connectivity and cloud content hubs that foster growing customer communities of interest reaching markets across six continents, 21 countries and 44 metros inside 275 data centres. For more information, please visit www.interxion.com.

About Digital Realty

Digital Realty (NYSE: DLR) supports the data centre, colocation, and interconnection strategies of customers across the Americas, EMEA and APAC, ranging from cloud and information technology services, communications and social networking to financial services, manufacturing, energy, healthcare and consumer products. To learn more about Digital Realty, please visit digitalrealty.com or follow us on [LinkedIn](#) and [Twitter](#).

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Forward-looking Statements

This press release contains forward-looking statements which are based on current expectations, forecasts and assumptions that involve risks and uncertainties that could cause actual outcomes and results to differ materially, including the construction of Interxion Paris Digital Park, expected IT load, square footage, timeline to completion and costs, the inability to utilise the capacity of newly planned data centres and data centre expansions, delays in connection with the development of new data centres or data centre expansions, significant competition, the cost and supply of electrical power, and data centre industry over-capacity. For a list and description of such risks and uncertainties, see the reports and other filings by the company with the U.S. Securities and Exchange Commission. The company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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