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CBRE Publishes “Edge Data Centres” Report Edge Data Centres: Solution to Last Mile Connectivity

CBRE today released the report, “Edge Data Centres,” which looks at the growing demand for edge data centers (data centers located in urban areas) and the real estate requirements needed to support this new type of facility.

Highlights:

- With the increasing usage of cloud computing, many large data centers have been developed, primarily in suburban Japan where land is more abundant. While cloud systems are convenient, the location and distance from the users has resulted in a latency issue.
- An edge data center is usually located centrally and covers a smaller area compared to cloud-hosted data centers. While the cloud data centers have enormous processing capacity and cover a wide area from a long distance, since edge data centers are positioned closer to the end users, they can deliver faster services with minimal latency.
- The tolerable level of latency varies according to the application. Therefore, cloud and edge technologies can work symbiotically to benefit from its each other’s advantages.
- Edge data centers will contribute and become vital to new technologies. One good example is self-driving vehicles where latency can prove fatal. As industries continue to look for faster response rates, the demand for edge data centers is likely to follow this upward trend.

For further details, refer to the report “Edge Data Centres” published by CBRE from the link below.
<https://www.cbre.co.jp/en/research-reports/japan-research-archives>

▼Past reports on data centers

Big Data, Bigger Yields (November 16, 2017)

<https://www.cbre.co.jp/en/about/media-centre/cbre-identifies-data-centres-as-attractive-new-asset-class-for-investors>

Data Centre: Bringing Cloud Back to Earth (February 21, 2017)

<https://www.cbre.co.jp/en/about/media-centre/cbre-forecasts-japan-data-center-spike>

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