MTP case of success

MTP Develops 2.7 MW Data Center in Exclusive Mexico City Location
with Vertiv Solutions

VERTIV™

Background

MTP, an enterprise data center focused on colocation, strategically established itself in Santa Fe, Mexico City, a highly connected and rapidly growing financial district. With specialized services in retail, wholesale, and edge computing, MTP aimed to enhance the customer experience and connect more closely with end-users through a data center with an installed capacity of 2.7 MW.

Challenge

The client needed to implement a 2.7 MW data center, maximizing the available space within a 1,000-square-meter footprint in Mexico City. The center had to meet the objectives of energy efficiency and Uptime Tier III certification, and the project also needed to ensure a PUE of 1.5.

Solution

Vertiv manufactured a solution for an efficient data center with Vertiv™ VR Rack for mission-critical operations, customized Vertiv™ DCE Optimized Rack Systems designed to meet flexibility and ease of installation requirements, Vertiv™ Aisle Containment System for cold aisle containment to maximize efficiency, capacity, and air flow optimization, UPS backup power systems Vertiv™ Liebert® EXL S1 that occupy a small footprint in the white space and provide high power density per square meter, as well as precision cooling machines with highly efficient indirect free cooling Vertiv™ Liebert® DSE.

Outcome

By leveraging Vertiv's expertise, MTP successfully built a 2.7 MW data center certified with Uptime Tier III in an exclusive and efficient 1,000-square-meter footprint. Automated set point management provides operational efficiency, reducing costs. Energy efficiency in design and architecture, combined with operational flexibility, allows MTP to interconnect effectively. This efficiency translates into more attractive commercial offerings due to the optimization of KW costs.

Company profile:
Private telecommunications infrastructure operator in Mexico.

Industry:
Data Center/Colocation/Hosting

Region:
Santa Fe, Mexico

"We paid close attention to the necessary equipment characteristics, and Vertiv aligned with most of the qualities we were looking for. Although we evaluated several brands in terms of cost-benefit, we chose Vertiv due to its outstanding quality and prime equipment."

**- Martha Coronel,
Vice President of Tower and Data
Center Construction at MTP.**

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