VERTIV™

CUSTOMER EXPERIENCE CENTER

Thermal Management

Vertiv's Customer Experience Center located in Tognana (Padova - Italy), is specifically designed for customers to interact with Thermal Management data center technologies.

The center gives our customers the unique opportunity to witness pre-installation demonstrations, covering technical performance, interoperability and efficiency of Vertiv's Thermal Management solutions under a broad range of real field conditions.

Customers visiting the center may also benefit from a comprehensive consultation from our R&D, engineering and application specialists. The Customer Experience Center provides customers, consultants and data center specialists with the most complete testing area to experience the capabilities of our technologies at peak conditions. All our measuring tools are periodically tested to adhere to current international quality procedures.

Every customer visit is accompanied by a complete final report which includes each and every tested parameter as well as the relevant outputs for the specific Thermal Management unit validated. With our constant focus on our customers' needs, we guide them through a first-hand experience with full transparency and flexibility, enabling them to achieve the highest standards of technical excellence.

The Academy

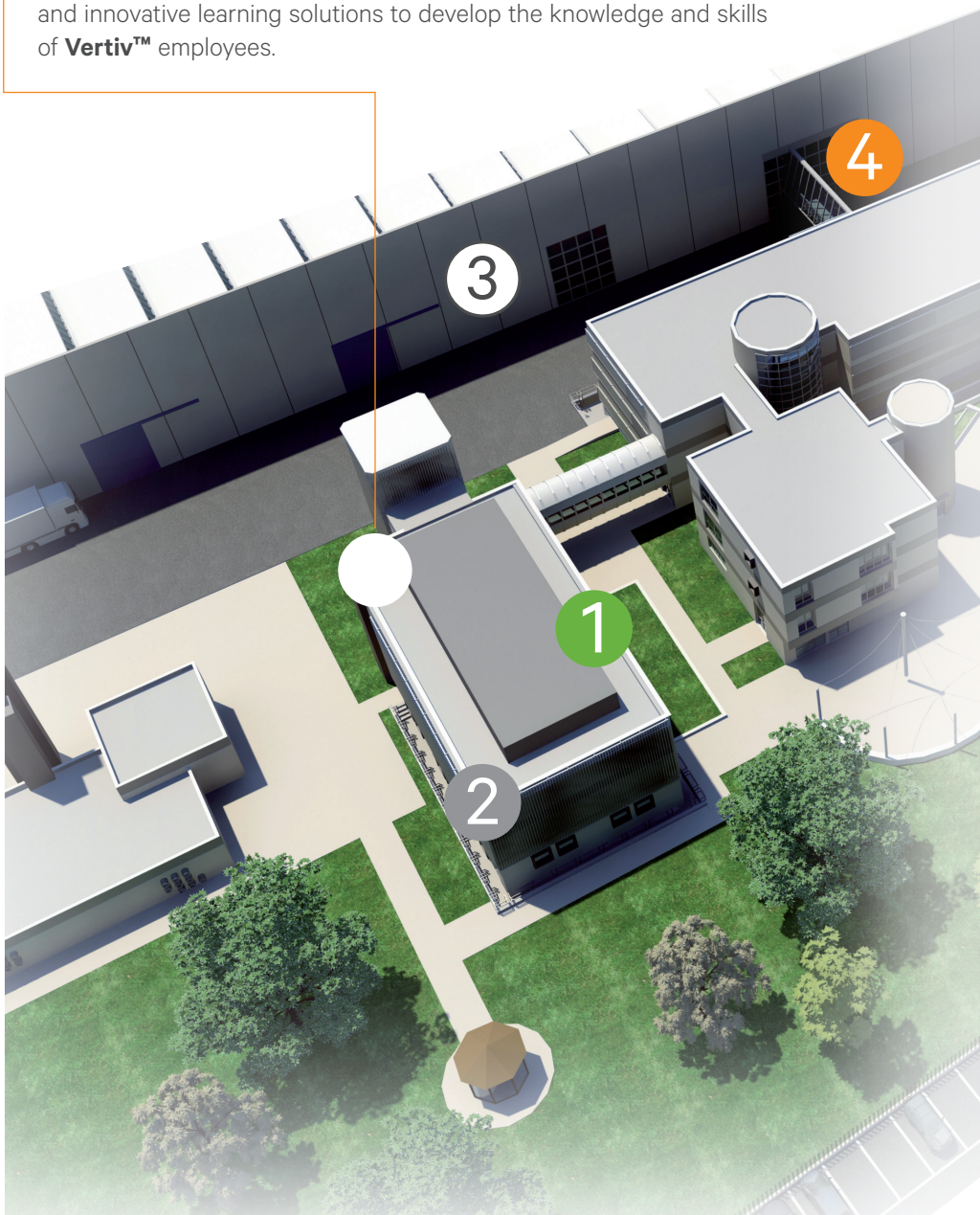
The Academy is designed with the purpose of investing in Vertiv's greatest asset: People. The Academy offers value by providing business specific training courses and innovative learning solutions to develop the knowledge and skills of **Vertiv™** employees.

1 R&D Validation Area

The Research & Development Validation Area n. 1 is specifically designed to test floor-mount units and can balance a thermal load of up to 150 kW with a chamber air temperature between 0°C and 60°C.

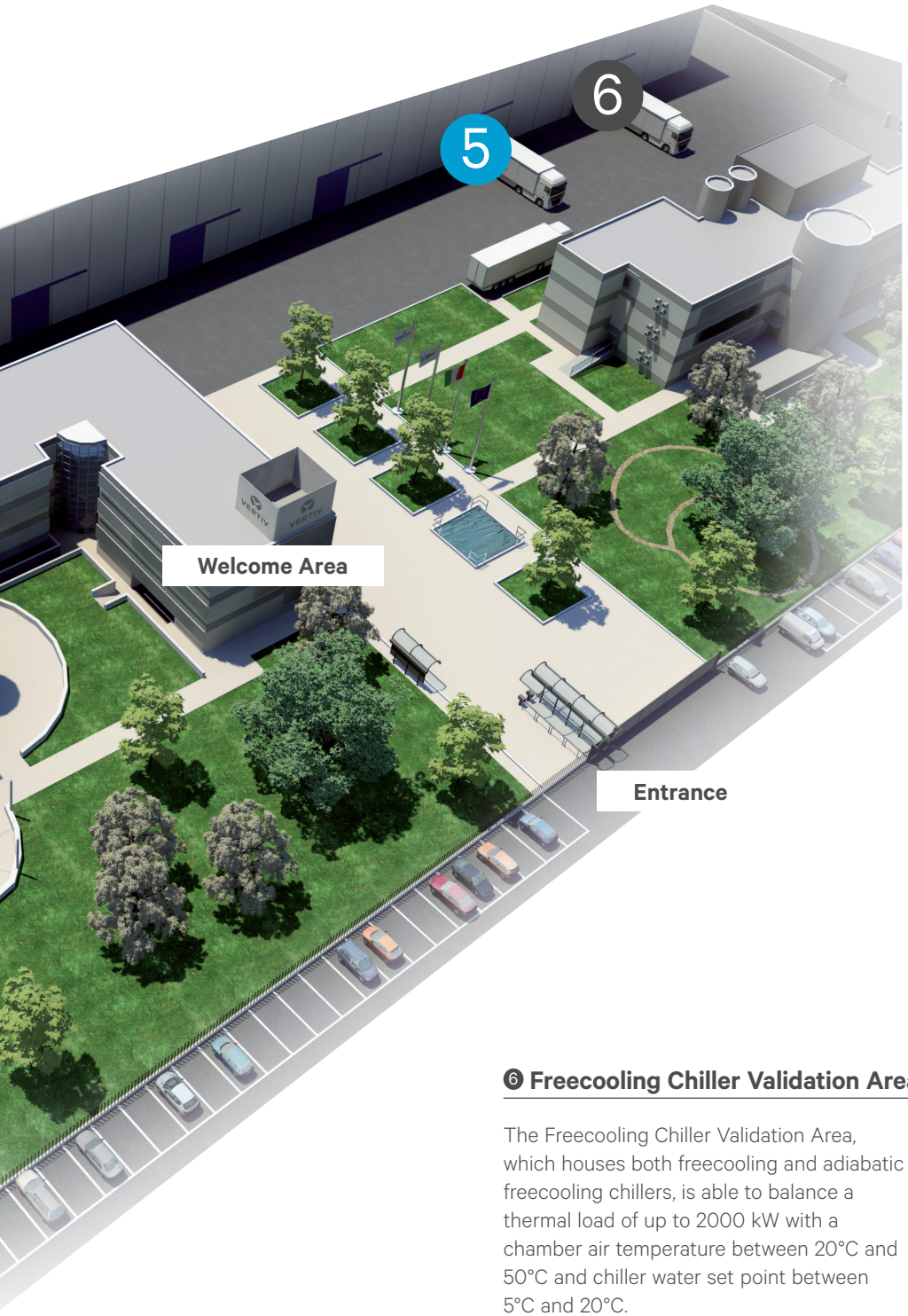
2 R&D Validation Area

Designed for conditioners belonging to the Telecom sector, the Research & Development Validation Area n. 2 includes two different testing chambers: one simulating internal ambient conditions from 0°C to 60°C and the other simulating external ambient conditions from -32°C to 60°C. This validation area can balance a thermal load of up to 100 kW (50 kW in each room).



③ Floor-Mount Validation Area

The Floor-Mount Validation Area meets the increasing requests for witness tests and specific product-type approvals. Equipped with a highly automated testing chamber, this validation area can balance a thermal load of up to 200 kW and can simulate a test environment within a temperature range of 0°C to 60°C.



④ Showroom

The Customer Experience Center's Showroom is specifically designed for customers to interact with Thermal Management units:

- **Liebert® PDX**, available from 15 to 120 kW. The direct expansion solution ideal for small and medium data centers
- **Liebert CRV**, available from 11 to 50 kW. The row-based cooling unit designed to deliver the highest availability
- **Liebert MC**, available up to 160 kW. The highly efficient Microchannel Condenser.

⑤ Evaporative Cooling Validation Area

Our Thermal Management Customer Experience Center features a dedicated area to test the state-of-the-art Liebert EFC - Vertiv's highly efficient indirect evaporative freecooling unit. The Evaporative Cooling Validation Area testing parameters include IT loads of up to 400 kW and an airflow of up to 100,000 m^3 per hour at any external ambient temperature required to simulate typical peak conditions across the EMEA region.

⑥ Freecooling Chiller Validation Area

The Freecooling Chiller Validation Area, which houses both freecooling and adiabatic freecooling chillers, is able to balance a thermal load of up to 2000 kW with a chamber air temperature between 20°C and 50°C and chiller water set point between 5°C and 20°C.

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MKA4L0UKCECTM Rev. 1-03/2015