CASE STUDY

Project delivery: 2022

Alcadon

Customer

Public IT Organization (Data Center)

Product

Enoc Rack Cabinets and Enlogic PDU - tailored to the customer's needs

85% perforation in the door

ENOC DETAILS MAKE THE DIFFERENCE

enLOGIC

CUSTOMER NEEDS

During the expansion of one of Denmark's leading co-location sites, the customer had specific requirements for new racks and PDUs:

- Optimization of airflow on the sides, top, and bottom of the rack to minimize consumption.
- Special depth dimensions for racks to ensure optimal fit with the customer's server setup.
- Customized PDU with 44 outlets featuring combined outlet types.



SOLUTION

- After receiving the customer's requirements, Enoc System was proposed as a supplier, and a factory visit in Anderstorp, Sweden, was arranged.
- Detailed technical drawings and specifications were provided to the customer, incorporating their requirements, including a depth dimension of 1.240 mm and several optimization solutions suggested by Alcadon and Enoc.





Details:

- Special Base Plate: Optimizes airflow and sealing efficiency.
- 85% Perforated Door: Enhances air circulation, enabling equipment to "breathe" better and reducing cooling costs.
- Sealing Strips: Installed on the bottom, top, and sides of the rack to ensure proper airflow control and sealing efficiency.

- Custom-configured PDU with 44 outlets offering flexibility in outlet types (C13/C14 or C19/C20), provided in collaboration with Enlogic.
- The cabinets were delivered fully assembled and installed on-site with a delivery time of just four weeks from order placement.
- Environmental Considerations: Transportation of raw materials and assembled racks was minimized as Enoc System primarily uses locally sourced raw materials in Anderstorp.

MORE INFO

About Enoc

About Enlogic

About Alcadon

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