

Begin evolving to your next-gen datacenter with reduced costs and power consumption today



The customer's challenge

The Multinational Media and Technology Company wanted to build a next generation datacenter that utilized a modular aisle containment and racking system that leveraged outside air to cool the data center. This would enable the company to run the datacenter at higher temperatures throughout the year.

This solution, like most datacenter infrastructures, was a unique design that had never been done before. DataEndure partnered with the company to create a custom solution that worked with the company's theories on airflow and cooling to create this unique infrastructure.

How DataEndure helped

DataEndure, DAMAC, and Server Technology came together to create an all-encompassing datacenter solution for the Multinational Media and Technology Company. DataEndure designed and provided a datacenter solution that included non-standard bending metal, a custom solution for airflow, electrical, custom cabinets to maximize floor space, and aisle containment to manage hot and cold airflow.

DataEndure has the experience and relationships with best-in-class data center builders that enable us to know your data center needs and how to address them. Every customer's need is unique, from the size to the shape to the components. DataEndure is an expert in this industry and can help you design the datacenter infrastructure that will work best for your specific needs.

CHALLENGE

Datacenter infrastructures are unique to their designers, and the partner must have the relationships and expertise to build custom designs.

APPROACH

Leverage long partnerships with DAMAC and Server Technology to create a one-of-a-kind data center infrastructure solution.

BENEFITS

- Award-winning data center efficiency
- The ability to use outside air to cool the datacenter
- Reduced costs by running the datacenter optimally at higher temperatures

How did the customer benefit?

By partnering with DataEndure, the Multinational Media and Technology Company was able to create the datacenter that matched their unique needs and design. The company experienced award-winning efficiency, decreased costs, and decreased power consumption.

Confidence is another benefit the customer received. The confidence to design the datacenter solution they wanted because DataEndure is able to execute on those unique designs due to our experience in the area. With such unique needs for each datacenter, it can be difficult to find a partner to help design exactly what you want, but DataEndure is that partner.



Won an award for datacenter efficiency



Decreased costs by cooling the datacenter with outside air



Decreased power consumption due to the unique cooling mechanism

Datacenter infrastructure knowledge and expertise

Every datacenter design is unique. Companies will always have their own theories about airflow and how to best cool their datacenter. DataEndure has the experience and relationships with prolific partners in the space to supply whatever it is you design. Working with the Multinational Media and Technology Company proved that we could provide an award-winning datacenter infrastructure on a tremendous scale. DataEndure can also take that knowledge and apply it to your datacenter needs, no matter the size.

Hot-aisle containment vs. cold-aisle containment

DataEndure partners with DAMAC to provide customers with best-in-class aisle containment.

Hot-aisle containment



Isolates hot aisle with vertical panels to direct hot exhaust air into the hot air return or a drop-down ceiling grid. Includes user-specified vertical panels, cabinet brackets, and end-of-row door kits.

vs.

Cold-aisle containment



Isolates cold air with top panels attached to each cabinet. The end door bolts to the raised floor or slab. If the aisle has only one row of racks, false walls can be used to create a complete aisle.

How can you experience the same benefits?

If you're interested in what DataEndure can do for you, give us a call at **1-800-969-4268** and see how our relationships with the right vendors and knowledge of cutting-edge technology can help you meet your goals and more.

DataEndure helps companies build digital resilience so that their critical information assets are protected and available to the right people, at the right time. We take a holistic approach in architecting and delivering a data management and protection strategy designed to simplify enterprise environments and accomplish specific customer goals.

