



Intelligent Solutions for Critical Environments®

aislePRO+™  
Custom Containment, Simplified.

## aislePRO+™ CONTAINMENT SOLUTIONS

### *Efficiency & Sustainability don't have to be Complicated*

CEG is unrivaled in our ability to assess complex IT environments then provide real, easy-to-understand solutions related to power and cooling capacity and energy usage. Our aislePRO+™ Assessments and Turnkey Containment Solutions will put your facility on the right path toward achieving net zero carbon emissions.

#### CEG Assessments

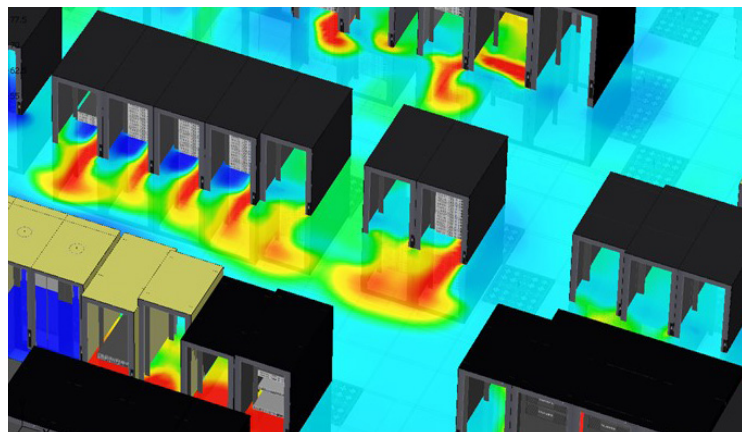
An aislePRO+ Assessment is a vendor-neutral, holistic analysis of your data center's infrastructure that will identify areas of constraint, including single points of failure. Our Assessment will also include recommendations to remediate those constraints in an easy-to-understand Executive Presentation.

- Data Center Planning & Feasibility
- Power Utilization & Efficiency Review
- Thermal Load Analysis
- CFD Modeling
- Conditioning Airflow & Capacity Evaluation
- Physical Room Analysis & Space Optimization
- Environmental Monitoring Assessment
- Energy Incentive Review & Recommendations

#### Next-level CFD

Computational Fluid Dynamics (CFD) can do much more than identify hot/cold spots in a data center. Arguably, its bigger purpose is prediction – making smart changes today to ensure efficiency tomorrow. CEG uses 6Sigma, the industry's most sophisticated CFD modeling software, to provide an unparalleled level of detail – above floor, below floor, rack level.

Next, we take that insight to a whole new level with our patented and proprietary Cooling Enthalpy Gauge (C.E.G.) By using mass air flow, the C.E.G. measures the exact amount of cooling capacity in kW being produced by a facility's AC units. This additional data allows us to provide *the most accurate baseline models in the data center industry.*





## aislePRO+™ CONTAINMENT SOLUTIONS

### aislePRO+ Custom Containment

CEG is the industry's go-to for custom containment environments – raised floor or slab; new construction or retrofit; hot aisle or cold aisle. But our specialty is simplifying complex retrofits. We make existing buildouts containment friendly.

From assessment to design, fabrication to installation, you can rely on CEG to be a turnkey provider of any remediation solution we recommend. Our custom aisle containment will allow you to increase energy efficiency and capacity, as well as achieve your sustainability goals.

### Custom Hot Aisle Containment

Enables more efficient performance of your AC units from higher return air temperatures, higher Delta-T. We offer ceiling-suspended or rack-attached designs with soft-wall or rigid panels. Perfect for pod layouts that use in-row AC units and sites with complex overhead setups.



### Custom Cold Aisle Containment

CEG prevents hot-air wrap-around at aisle ends and over the tops of racks with the use of custom-sized doors, capped aisles, and custom-sized barrier panels.

