

CFD SERVICES

CFD modeling supports the analysis, design, and optimization of data centers, including:

- ✓ Improve Overall Energy Efficiency
- ✓ Improve Reliability
- ✓ Optimize Airflow Strategy
- ✓ Design Validation
- ✓ Failure Analysis
- ✓ Transient Simulation

We are pleased to offer the following 2 CFD services:

CFD PRO

Comprehensive modeling that validates data center design, identifies risks, optimizes airflow, and delivers clear insights to boost overall reliability and efficiency.

CFD LITE

Basic containment modeling showing data center conditions before and after cold or hot aisle containment.

CFD LITE EXAMPLES

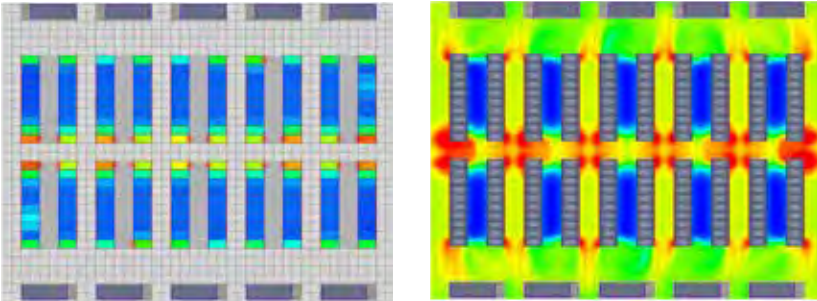
Visuals below reveal how CAC optimizes raised floor cooling and HAC enhances slabfloor, plenum ceiling designs.



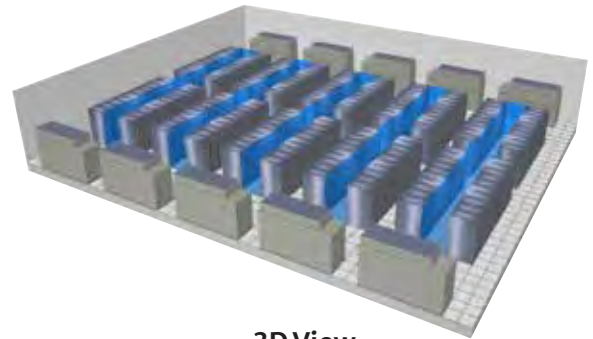
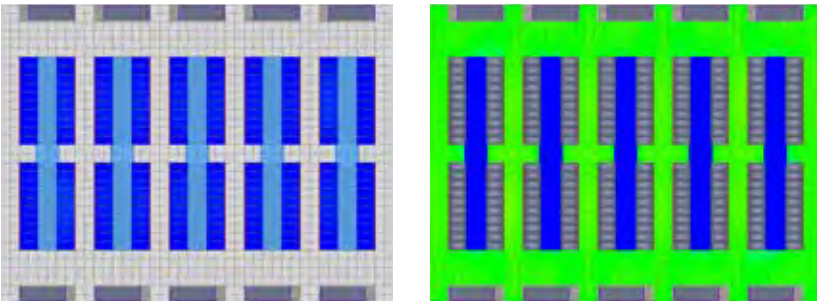
Schedule Your
CFD Consultation

RAISED FLOOR

Raised-Floor Without Containment
(Inlet Temperatures & Horizontal Elevation at 6')



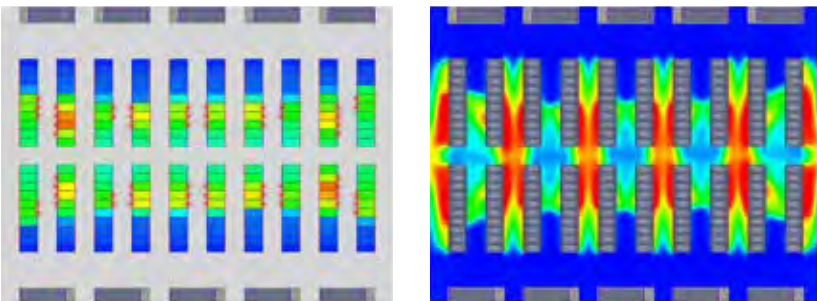
Raised-Floor With CAC
(Inlet Temperatures & Horizontal Elevation at 6')



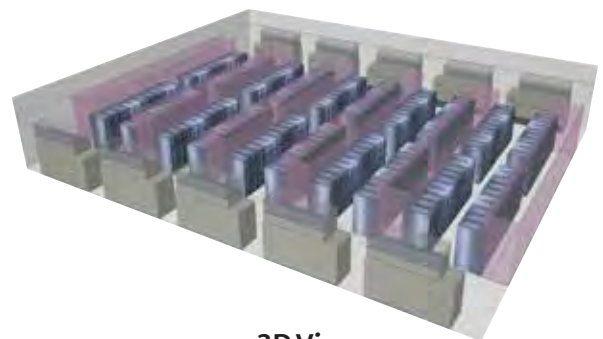
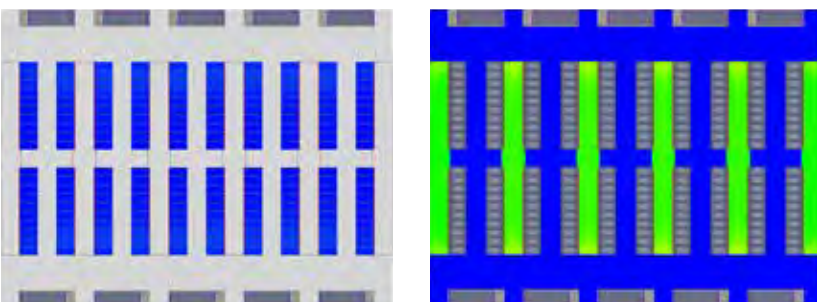
3D View
Raised-Floor CAC

SLAB FLOOR

Slab-Floor Without Containment
(Inlet Temperatures & Horizontal Elevation at 6')



Slab-Floor With HAC
(Inlet Temperatures & Horizontal Elevation at 6')



3D View
Slab-Floor HAC