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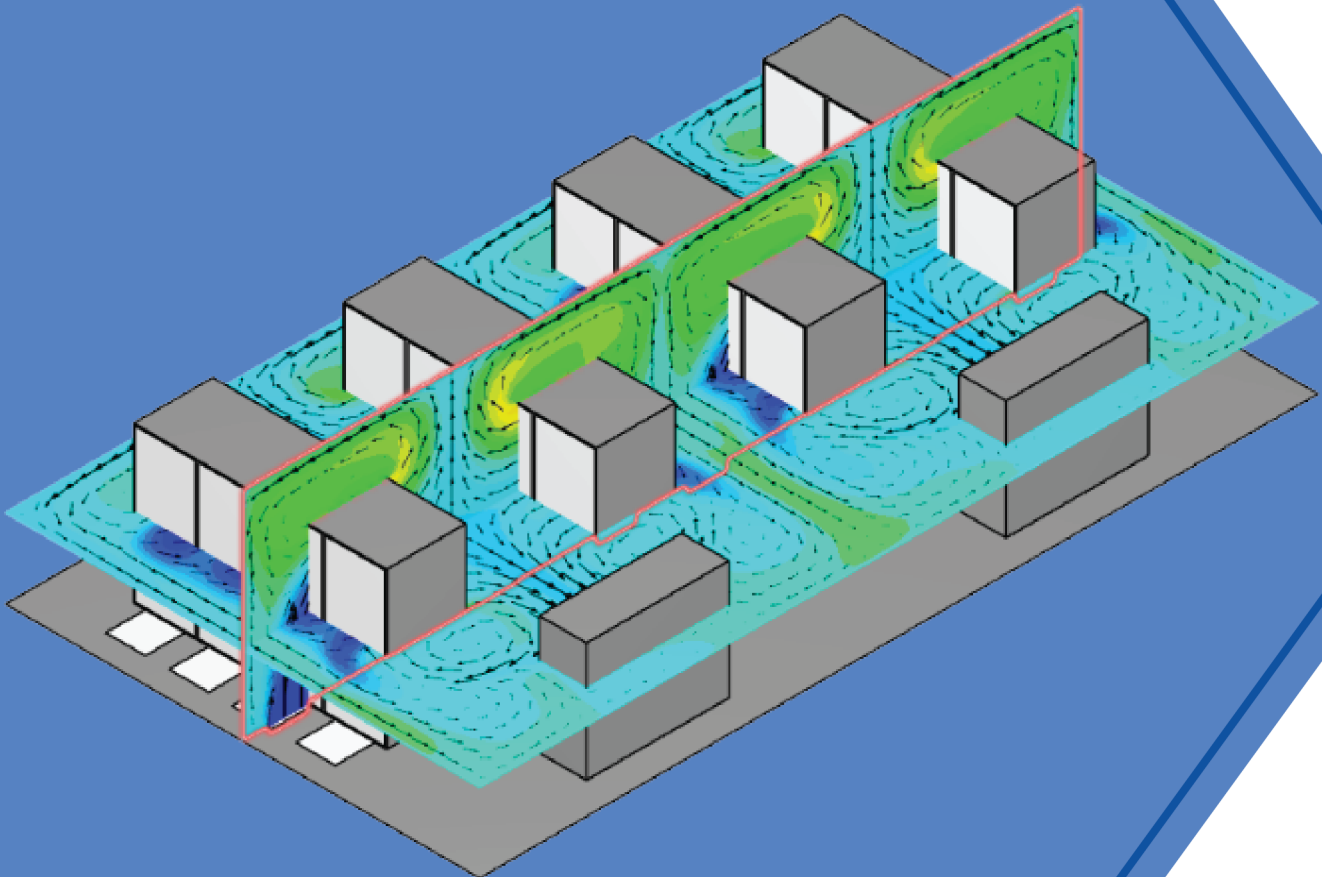
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Doha - Qatar



CFD for Information Technology

Test Performance, Optimize Durability and Improve Efficiency

“No Need for Costly Testing or Prototyping”

For Data Centers

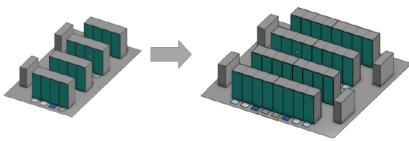
Nabtaker specializes in providing Engineering Simulation by Computational Fluid Dynamics (CFD) Analysis. Data Centers / Instrument Rooms / Telecom Rooms can get benefit of using CFD simulation .

Engineers can test designs in a virtual environment and offer proposals to explore designs and system operation digitally through detailed, accurate prediction of a wide range of physical behavior.

When & How..?

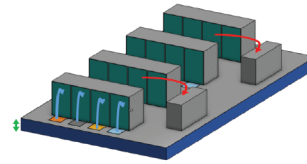
1 During R&D Stage

Virtual Prototyping and Scaling Up



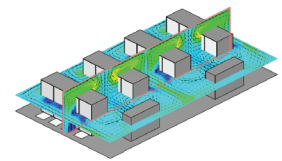
2 During Design Stage

Virtual Performance



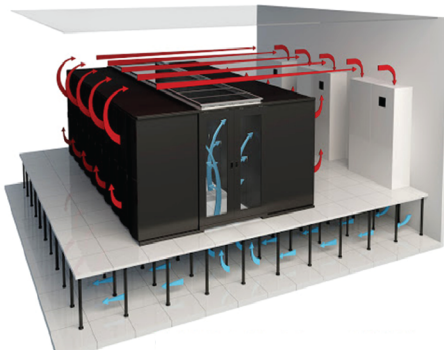
3 During Operation Stage

Virtual Optimization

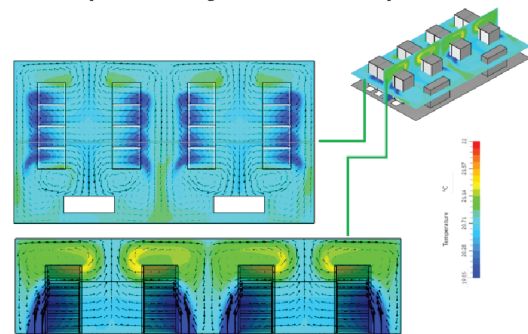


Applications of CFD Analysis in Data Center

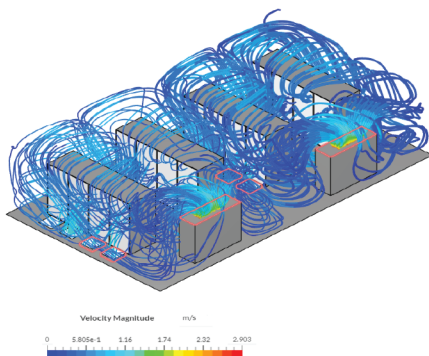
Verifying Raised Floor Level



Optimizing Air Outlets (Quantity - Location)



Optimizing CRAC Units Performance (Capacity - Location- Quantity)



Optimizing Air Distribution

