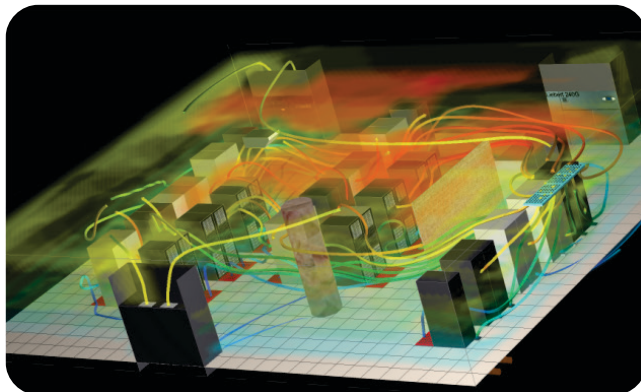


PRESS RELEASE

New Thermal Simulation Software enables cost effective Data Center Planning and Troubleshooting

Martinsried, 11 May 2011 – AMS Technologies announces the support for CoolitDC tackling the thermal simulation of complete data centers and drilling down to servers, boards and even component level. Ideal for designing new facilities or troubleshooting existing ones, the powerful CFD software is being offered at introductory pricing that is a fraction of existing products.

Developed by Daat Research Corp., CoolitDC is built on the company's 20 years of electronics thermal analysis and design experience. Under the hood is Daat's advanced computational engine that has been successfully used in thousands of projects.



"It is important to understand the thermal constraints early in the data center layout phase in order to reduce downtime, lower costs, increase efficiency and improve operating performance," notes Jan Meise, CSO of Munich-based thermal management consultants AMS Technologies. "CoolitDC achieves this while breaking cost barriers with best in class features and capabilities."

Illustration: Color-coded stream rods and temperature-colored fog show the data center airflow and temperature.

CoolitDC handles complex facility shapes, raised floors, drop ceilings, room partitions, support columns, under floor pipes, cables and obstructions, furniture and other infrastructure components. It also accounts for room ventilation components such as fans, ducts and vents.

The intuitive user interface takes full advantage of drag and drop operation. Thermal models are constructed using the software's extensive library of cooling devices, racks, and tiles from major manufacturers. In addition, CoolitDC includes basic building blocks that allow the user to modify existing library components or create custom devices.

With what-if models, the user can quickly analyze the impact of configuration and equipment options. Hot spots are flagged by temperature-colored fog, and airflow can be animated to show flow direction, speed, and temperature throughout the data center. Results are displayed visually and in tabular form so both technical and non-technical personnel can visualize and assess impacts. For further information on CoolitDC, please visit www.amstechnologies.com or email info@amstechnologies.com

AMS Technologies – where technologies meet solutions

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