INTEGRATED SOLUTIONS
IT ROOM

Your mission-critical facilities need the very best in precision cooling, and we deliver with the industry's most advanced equipment and controls, low operating costs and unparalleled expertise. Get efficient and reliable heat management and humidity control solutions geared to your specific size, location and business goals.

Chess can assist with products and/or complete integrated solutions to meet your needs.

Products

Room Cooling

Cool your important equipment using energy-efficient thermal solutions designed with your specific data center needs in mind.

In-Row Cooling

Ensure reliability and optimize performance in your small and medium data centers with in-row cooling products.

Rack Cooling

Maximize cooling efficiency without adding heat with scalable, space-saving cooling solutions for racks up to 35 kW.

Solutions

Smart Aisle
The Smart Aisle offering optimizes infrastructure deployment and management with an intelligent row-based system that integrates data center racks, power, row cooling, aisle containment, monitoring and control technologies for spaces with up to 40 racks.

Smart Row
The Smart Row is a self-contained, modular datacenter designed to simplify IT deployments in indoor spaces. With capacities up to 10 racks, integrating cooling, UPS, power distribution, fire suppression, and backup ventilation, the Smart Row enables standardization of complete micro datacenter configurations across multiple locations.

MCR

Rack enclosure protection solutions in a single package can be described as a mini control room in a box. Depending on the level of protection required, these self-contained systems can include comprehensive, computer-grade support features such as cooling, power, monitoring and security — all integrated in a seamless, qualified design.
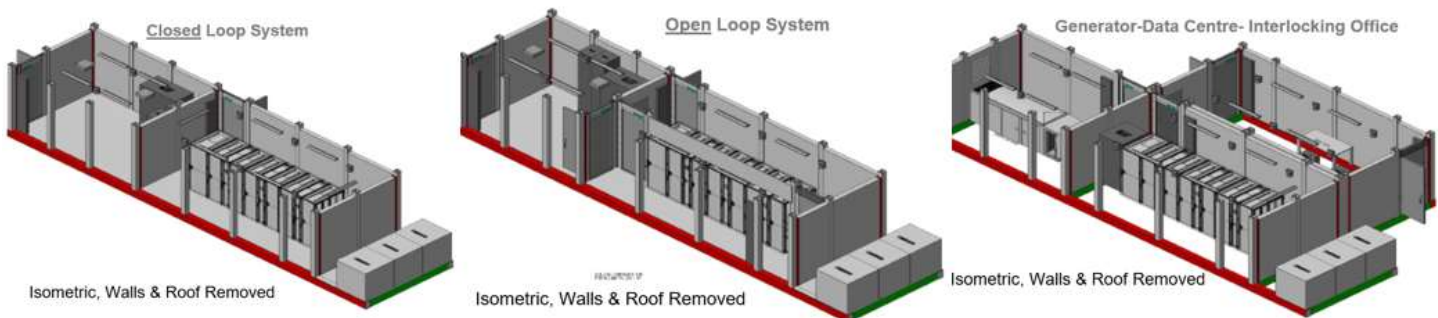
Smart Mod

Smart Mod is a flexible platform, optimized for simplified deployment of your critical IT assets. In some cases, it is simpler and more cost effective to build a self-contained stand alone building. Internally we can further leverage off the Smart Row and Smart Aisle or customize racks and cooling per your needs.

Examples

Closed Loop System
Isometric, Walls & Roof Removed

Open Loop System
Isometric, Walls & Roof Removed

Generator-Data Centre- Interlocking Office
Isometric, Walls & Roof Removed

With integrated, pre-engineered, and pre-fabricated infrastructure, you can rapidly achieve your objectives. And you don't have to blow the budget or overbuild based on uncertain future needs – with right-sized systems designed to work together and optimized for constructability and speed to startup, you can build just what you need today, better aligning your capital plans to your business challenges. Integrated solutions can be designed to meet all needs.

Suited For:
•Data Center/Colocation/Hosting
• Government
• Banking, Financial and Insurance
• Healthcare
• Telecom
• Industrial Plant (Mining / Steel / Paper / Power Generation / Water)

CHESS CONTROLS

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