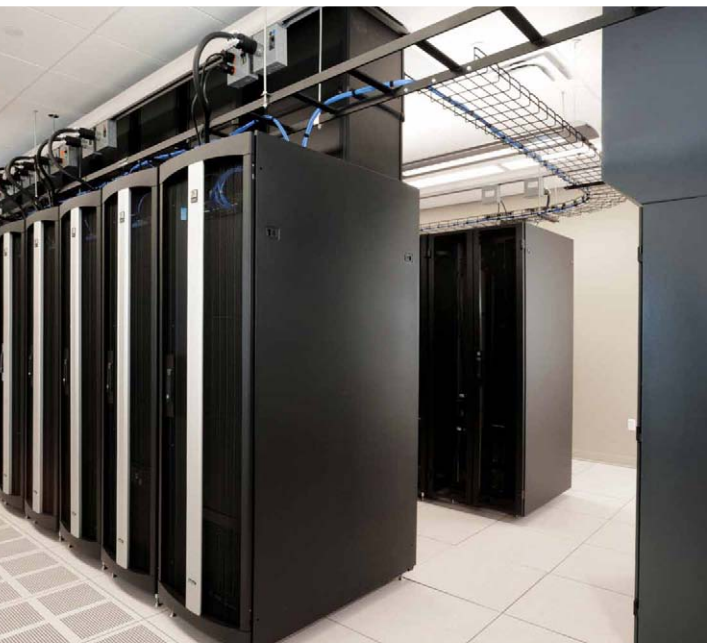


Best-in-Class Data Center Solutions



CHATSWORTH
PRODUCTS, INC.

Optimize.
Store.
Secure.

Best-in-Class Data Center Solutions

Truly efficient and well-designed data centers are not created in one broad stroke. Total physical infrastructure solutions are designed with a focus on the unique details of each critical element, as well as the larger picture of how each element will fit together as a whole. While larger, single vendors claim to have the resources for a total infrastructure solution, their approach is often comprised of weak links and sub-optimized elements.

Products from Chatsworth Products, Inc. (CPI), Universal Electric and STULZ offer a best-in-class solution. As the industry's leading innovators of data storage cabinet systems, powered overhead busway, and cooling units, each company is already flexible enough to meet the needs of an IT industry that's ever-changing. However, the true advantage of using modular products from a best-in-class solution is that data centers can translate that flexibility into changes that happen incrementally or all at once – without ever having to compromise on quality.

- Expert and innovative data center solutions
- Flexible enough to keep up with ever-changing IT infrastructure needs
- Modular products allow incremental upgrades



Chatsworth Products, Inc. Isolation Solutions at Every Level

To truly optimize power and cooling efficiencies, data centers must deploy their equipment in server and switch cabinets that have been optimized for the isolation of hot and cold air. As pioneers of using passive cooling technology for data center designs, CPI has perfected this strategy into the most cost-effective and cooling-effective thermal management solution on the market.

Using CPI Passive Cooling® and isolation strategies that focus on the cable, cabinet and aisle levels, data centers are able to achieve higher operating efficiencies, lower energy costs and an environment with minimal complexity.

CPI Passive Cooling benefits:

- Lowers construction costs relative to active cooling solutions
- Reduces data center cooling costs up to 90%
- Saves up to 40% on total data center energy costs
- Provides more hours of economization under high IT loads



CPI's Vertical Exhaust Duct and Aisle Containment Solutions

Aisle Containment Solutions by CPI can also be the key to maximizing returns from your cooling equipment by enclosing either the hot or cold aisle of adjacent rows of cabinets to prevent the mixing of hot and cold air between aisles. This way, a Cold Aisle Containment Solution can use ducted or intelligent rack cooling solutions to target cooling efforts at the equipment instead of the room, while Hot Aisle Containment captures the hot exhaust air and directs it back to the CRAC/CRAH to keep it segregated from the cold air.



StarLine Track Busway Revolutionary Power Distribution

Determining how power will be supplied to electrical loads is one of the first steps of designing a mission critical system that's both flexible and sustainable. Universal Electric's StarLine Track Busway has been designed with this need in mind, offering an overhead busway system that can support high-density applications through "turn-n-lock" connections that also eliminate airflow obstructions. And because StarLine installs so rapidly, busway sections and plug-in units can be added in a matter of minutes. This flexible overhead design also eliminates messy wires that can obstruct airflow.



StarLine Overhead Electrical Distribution

Further optimized with airflow management strategies within CPI cabinet systems, this streamlined overhead design becomes one of the market's most sustainable solutions by also reducing the workloads on your STULZ CRAC units.



STULZ Precision Data Center Cooling

STULZ is known as the industry's technology leader when it comes to providing innovative solutions to critical environmental control needs. Accomplished through the design and manufacture of energy efficient temperature and humidity control equipment, like the STULZ CyberRow, STULZ is able to optimize strategies that accommodate air containment, passive cooling and overhead powered busway.

From precision data center cooling (1-100 tons) and ultrasonic humidifiers, to desiccant industrial dehumidifiers and air-side economization, STULZ is fully prepared to support a wide range of cooling efficiencies. Flexible and scalable options like CyberRow can also be deployed for retrofits and containment strategies with architectural constraints like limited ceiling and floor height.



STULZ Offers CRAH Units and Intelligent Rack Cooling Solutions for Data Centers

This commitment to excellence and sustainability, along with a standard two-year warranty, fast lead times, and outstanding customer service, make STULZ the perfect fit for a best-in-class solution that meets all your data center's environmental control needs.

Begin your Best-In-Class Data Center Solution today.

Visit us at:

chatsworth.com
starlinepower.com
stulz-ats.com



Data Center Power & Cooling Efficiency Seminar 2012

To have a well-designed and efficient data center you need to have all of the right tools. Earn the credits and knowledge you'll need to reduce cooling costs, manage airflow and deploy power for mission critical systems by attending the Data Center Power & Cooling Efficiency Seminar. Through real world examples and discussions conducted by CPI, Universal Electric, STULZ and other industry leaders, each attendee will leave with a comprehensive understanding of the strategies and solutions it takes to run a truly efficient data center.

For a complete list of dates and locations near you, visit www.chatsworth.com/data-center-seminar/.

Contact Us

Chatsworth Products, Inc.
800-834-4969
www.chatsworth.com

Universal Electric Corporation
800-245-6378
www.uecorp.com

STULZ
www.stulz-ats.com



While every effort has been made to ensure the accuracy of all information, CPI does not accept liability for any errors or omissions and reserves the right to change information and descriptions of listed services and products.

©2012 Chatsworth Products, Inc. All rights reserved. CPI, CPI Passive Cooling, MegaFrame, Saf-T-Grip, Seismic Frame, SlimFrame, TeraFrame, GlobalFrame, Cube-IT Plus, Evolution, OnTrac, QuadraRack and Velocity are federally registered trademarks of Chatsworth Products, Inc. eConnect and Simply Efficient are trademarks of Chatsworth Products, Inc. All other trademarks belong to their respective companies. Rev.0 5/12 MKT-600200-532