



Company Overview

STULZ is the premier, customer focused provider of energy efficient environmental control solutions and services for mission critical applications.

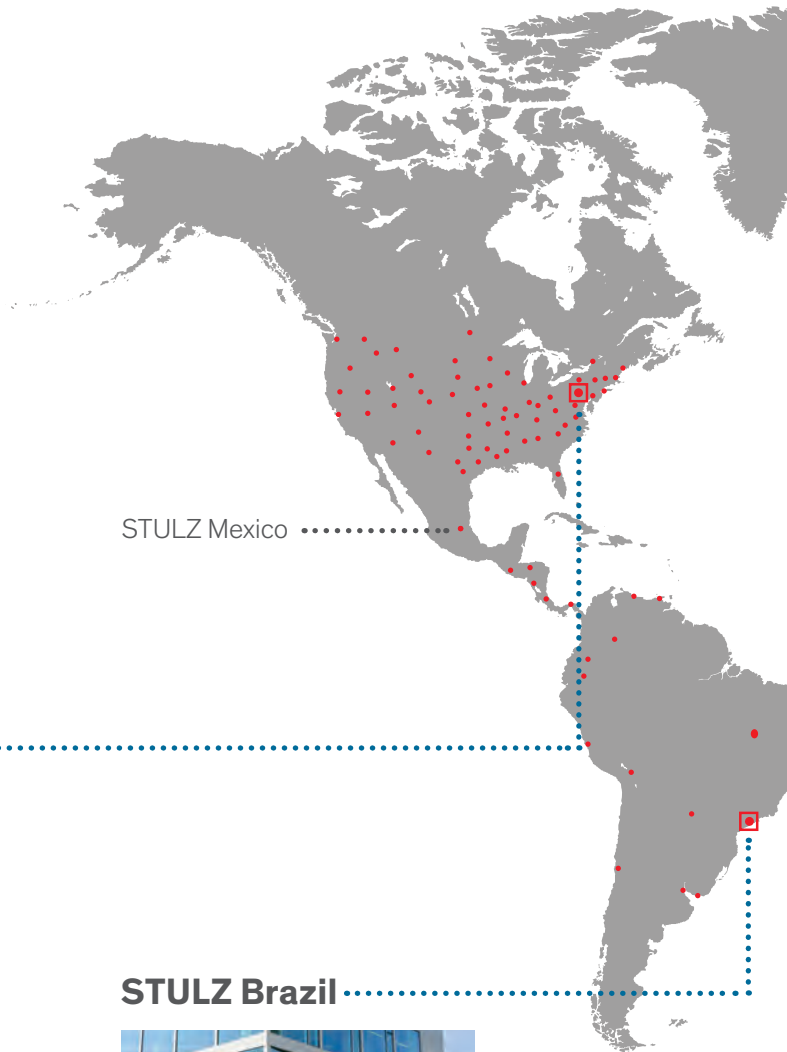
Globally Close to You

Precision Control

STULZ is a privately owned, global manufacturer of highly efficient temperature and humidity management technology. STULZ engineers a full line of air conditioners, air handlers, ultrasonic humidifiers, desiccant dehumidifiers and custom solutions, specifically for industrial, commercial and secure mission-critical applications.

The global STULZ Group includes two major divisions, seven production plants, and hundreds of sales and service partners around the world. Wherever you are, we have a presence and an innovative solution designed to meet your specific needs.

STULZ Air Technology Systems, Inc. (STULZ USA) designs and manufactures mission critical solutions specifically for the needs of customers in North America.



STULZ USA



STULZ Mexico•

STULZ Brazil•



□• Production Facility

•• Subsidiary

STULZ Germany



History of Excellence

Customer focus, entrepreneurial spirit and technological expertise - these have formed the foundation for the successful growth of the STULZ Group for almost 70 years.



Foundation of the "ALBERT STULZ Electrical Appliance Factory"



STULZ specialized in mission critical cooling.



Foundation of STULZ America in Frederick, Maryland.

Began production of ultra-sonic humidifiers.

1947

1965

1971

1977

1987

2001

STULZ produced its first air conditioning system: STULZ electronic air-system.

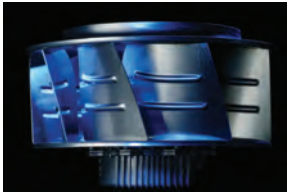


STULZ introduced a revolutionary innovation: Modular Precision Air Conditioning Systems.



STULZ purchased Air Technology Systems, becoming STULZ Air Technology Systems, Inc. (STULZ USA).





STULZ USA focused their efforts on the most energy efficient products and technologies, becoming the first to introduce EC Fan technology into the US data center air conditioner. Today this technology is the industry standard.



STULZ USA expanded into a second building, allowing additional space for Ultrasonic Humidification production, warehouse storage, the product support services team, and a full service training facility.



Always seeking out the most efficient cooling solutions, STULZ introduced STULZ *IeCE* to its customers worldwide.

Indirect Evaporative Cooling Equipment (*IeCE*) is mounted outside the data center and utilizes the evaporation of water for highly efficient cooling.

2004 **2010** **2011** **2013** **2015** **2016**

STULZ USA opened an ETL Certified "Mission Energy" testing laboratory in Frederick, Maryland.



STULZ USA expanded into a third building in Frederick, MD. Between all three buildings, STULZ employs almost 400 people in 218,000 sq. ft.

STULZ released an updated line of indoor mounted perimeter CRACs and CRAHs, including the largest capacity CRAH on the market, providing 200 tons of cooling capacity.

STULZ expands custom air handler solutions to include large indoor models.



STULZ partners with CoolIT to provide Chip-to-Atmosphere™ cooling.

In addition, STULZ further enhances their modular cooling solutions with the acquisition of Technology Space Integration (TSI). This joint venture with TSI provides customers a complete solution for modular data centers, from high performance computing to telecom enclosures, using the latest cooling technology from STULZ.



Designed & Manufactured in the USA

STULZ believes that every region of the world has specific mission critical cooling needs and that the only way to provide superior mission critical solutions is by having a strong presence of design engineering, manufacturing, sales, and support teams, interfacing with clients on a local scale. We know that our customers are demanding a greater spectrum of custom and semi-custom mission critical solutions and by having direct control over the design and manufacturing process, and proximity to high-quality local suppliers, STULZ is well suited to meet the needs of a changing market.

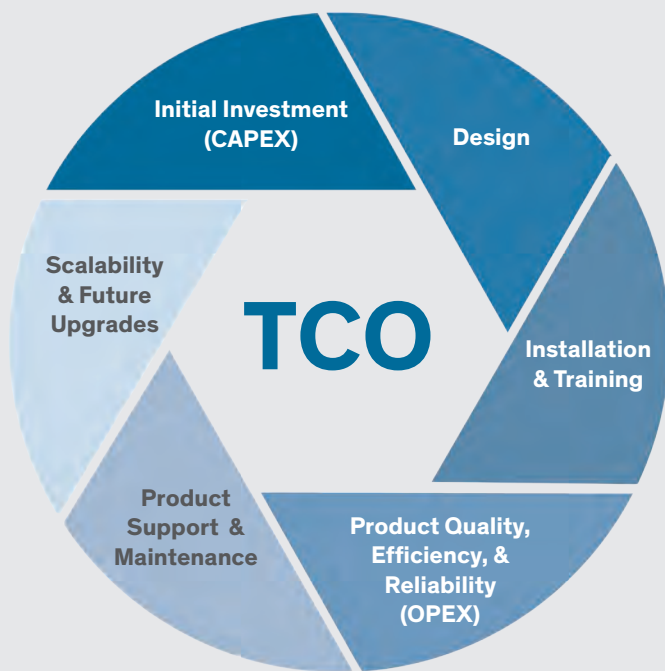
STULZ is proud to research, design, manufacture, test, and support all our products and solutions for North America in Frederick, MD. We do our own engineering, metal stamping, electrical wiring, powder coating, controls programming, piping, and testing. To us, this is what “Made in America” means.

STULZ USA Factory, Frederick, MD





Total Cost of Ownership at the Forefront of Design



Committed to Quality and Efficiency

STULZ is driven to provide an innovative solution with TCO at the forefront of design. Our partnerships, process and product support services reflect this commitment.

For STULZ, optimizing total cost of ownership is not just a goal, it is one of our core beliefs. By ensuring that the solutions we put out into the world are as efficient as possible throughout their life cycle, we fulfill our responsibility to ensure that operations are dependable and natural resources are not wasted. Our design teams have a choice, and at STULZ we proudly focus on the highest quality, locally sourced components that provide the best long term efficiency. While others may choose the cheapest mass produced parts to give you a lower up-front cost, STULZ knows that long term savings in both dollars and environmental impact are a better solution for everyone.



Climate Customized - Our Smart Standard

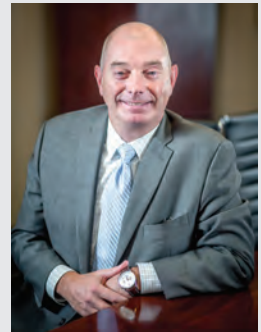
No two data centers are alike, which is driving data center users and owners to seek STULZ' expertise, flexibility, customization and innovative design.

Many operators face technical and planning challenges when expanding their data center. They have to consider numerous parameters such as local climate, spatial and room considerations, environmental and noise protection, and safety requirements. STULZ offers individual, modular system solutions, which can be adapted to suit virtually every project requirement and expansion phase. Whether your facility is in the pre-design, design, construction, or equipment selection phases, STULZ is equipped to work with you to select or design the ideal solution. For customers who want to optimize or enhance existing systems for better reliability and efficiency, STULZ has solutions available for you as well.

This wealth of options enables each project to achieve the optimum balance between capital investment, operating costs and energy efficiency.

User Driven, Purpose Built

At STULZ, we believe strongly in innovation through collaboration. In order to provide the appropriate cooling solution for applications from small server rooms to mega-data center projects, we spend time listening to our customers' unique challenges, and then collaborate with their design teams to modify standard product, or develop new solutions to meet their exact requirements. Many of our current cooling solutions were created using this method.



This company-wide collaborative approach has allowed STULZ the unique ability to deliver innovative solutions and services to our customers, while providing a personalized touch that brings tremendous value to each project.

~ Joerg Desler
President, STULZ USA

The Data Center Experts

Though STULZ provides expert solutions for a wide range of applications, at its core, STULZ is a data center solutions provider. With almost a half century of collaborative experience, our customers and industry partners have come to rely on STULZ as the industry experts for their data center design.

From Edge to Enterprise, from wholesale to retail, from the smallest IT closet to the largest hyperscale data center, we've make it our mission to engineer energy efficient solutions, tailor-made for high performance in each application.

The STULZ product range includes traditional room cooling, high-density cooling, container modules and air handling units with adiabatic cooling. All systems are available with Indirect Free Cooling. STULZ offers Direct Free Cooling for Computer Room Air Conditioning (CRAC) systems, Computer Room Air Handling (CRAH) units and modular data centers.

With its range of capacities, extensive additional options, and modularity, STULZ provides a product line that is unique in the world and can make optimum air conditioning a reality for practically every data center project.



CeilAiR®



DRH



CyberRow



CyberOne



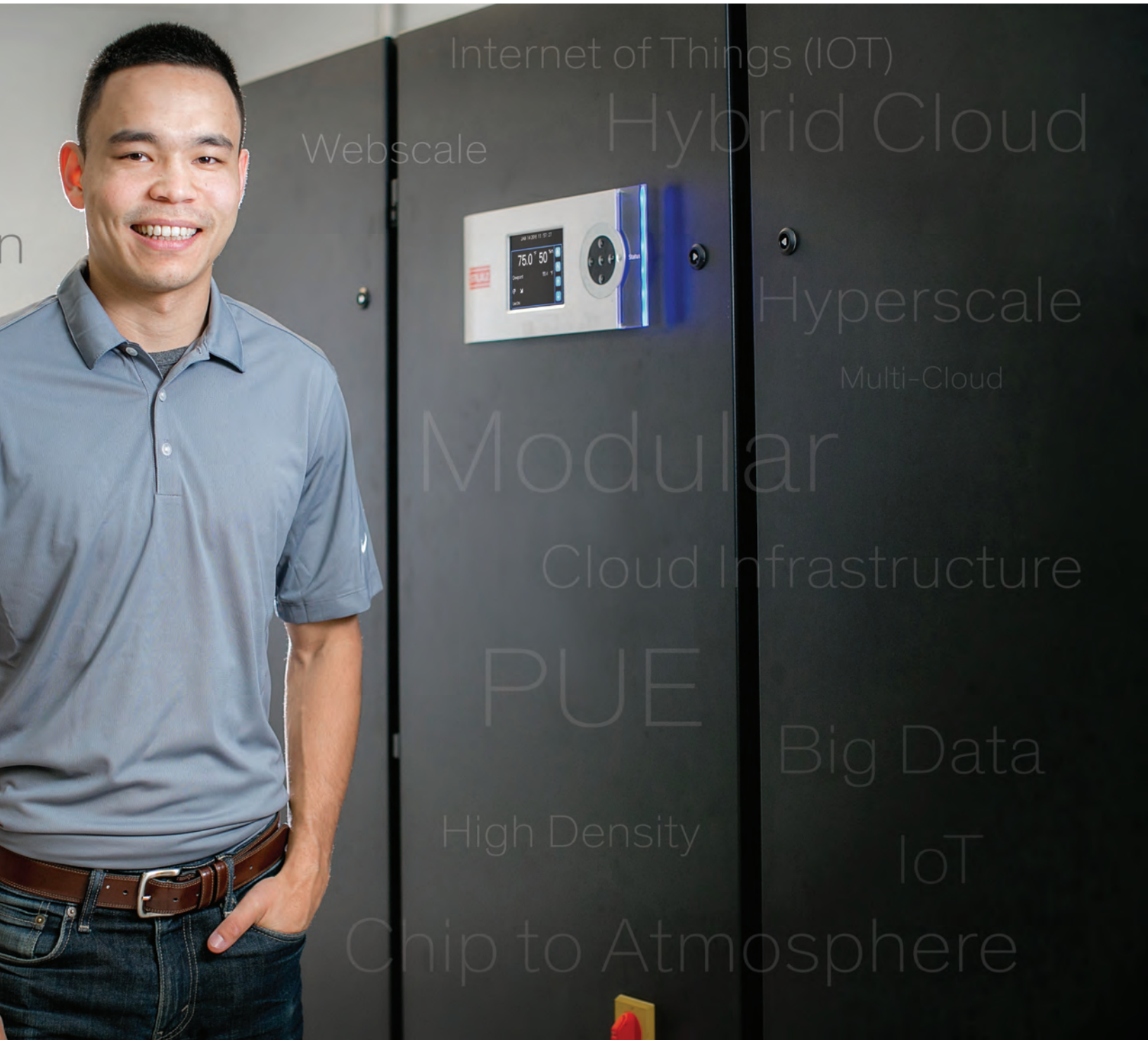
CyberMDC



CyberMod



CyberAiR®



CyberPack



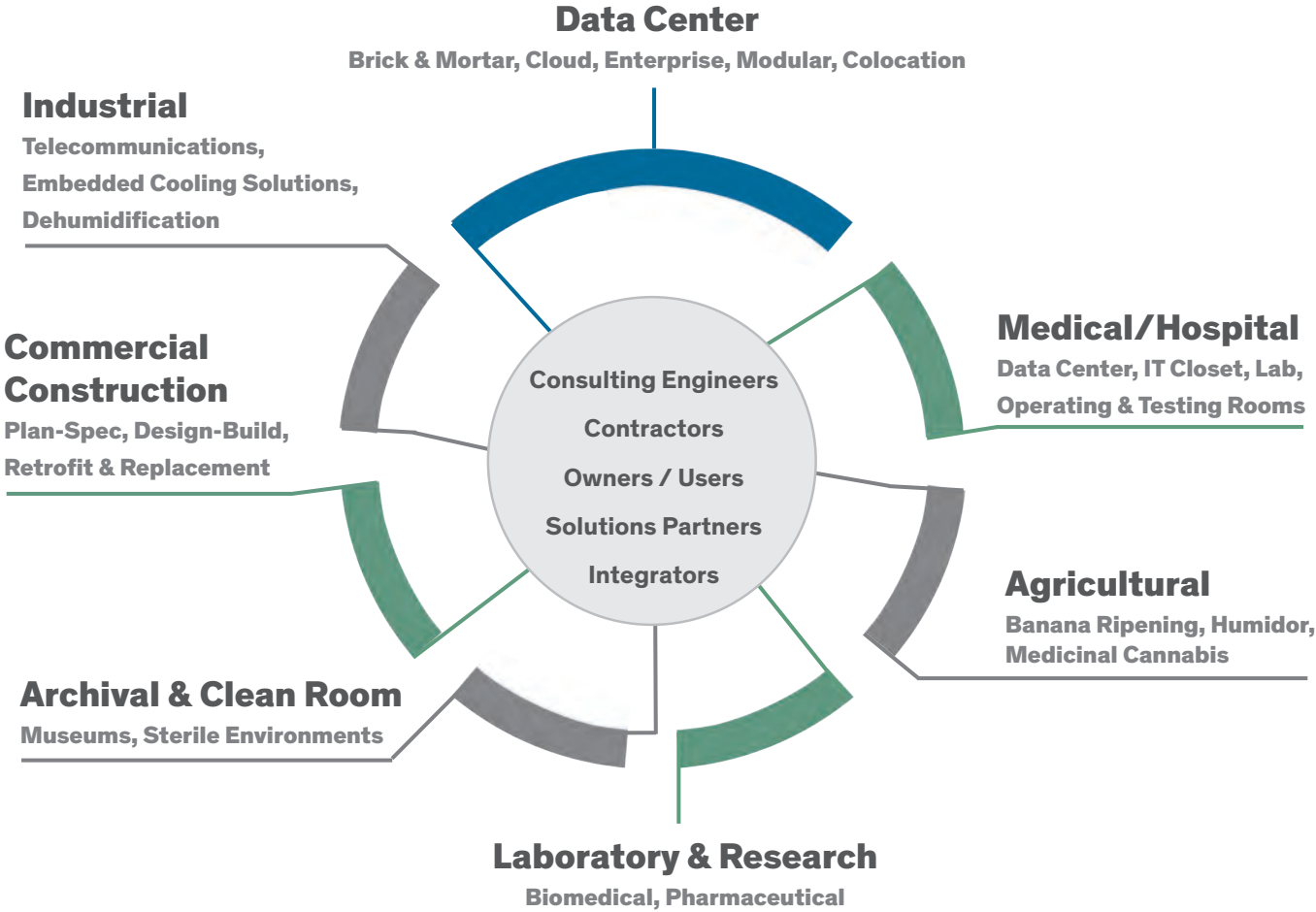
Custom AHU



CyberHandler

Comprehensive Solutions Engineered for your Application

Precision, reliability, and efficiency in environmental control are qualities that are needed by more than just the data center customers who rely on STULZ equipment to support the backbone of the internet. STULZ solutions also ensure that museums are able to preserve great works of art and historical documents. They allow hospitals and laboratories to prevent the spread of disease and develop new life saving measures. They assist in the cultivation of important consumable and medicinal crops. They support the data connections between families, first responders, soldiers, scientists, governments, and more.



The Data Center Experts

STULZ has over 45 years of specialized expertise in the precision cooling industry. Using this long history of innovation, along with bleeding edge design technology, STULZ provides our customers with unique solutions that offer exceptional value and quality.

The Everything Experts

It's not just data centers that rely on STULZ' expertise. STULZ provides purpose built solutions for many different industries that require reliability, efficiency and precision.

Integrity

The Foundation of Our Values

Environmental Responsibility

At STULZ, we are united by our shared vision to be independent, environmentally conscious, and fair. As a family business, we understand the impact our actions have on future generations. That is why we work to ensure sustainability by balancing short-term results with long-term requirements.

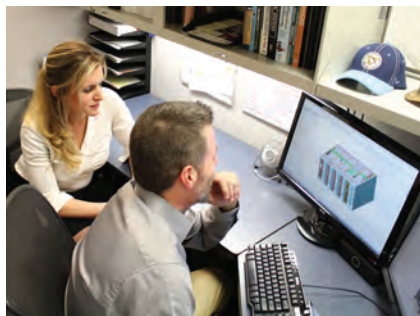
Delivering superior quality, innovation, and energy efficiency is at the core of every STULZ product. We believe it and we live it every day. Our manufacturing process reflects this commitment with energy efficient production techniques and a skilled domestic workforce. The carbon footprint of every STULZ product is minimized before it is ever used thanks to the renewable energy generated by the 950 kW solar array which powers our factory.



Technical Expertise

The STULZ engineering and sales teams not only look at the latest industry trends and technology developments, but continue to lead the industry with original innovations. In order to accomplish this level of engineering excellence, STULZ employs an inventive design and applications engineering team to continually create cutting-edge solutions.

We also understand that creating lasting solutions involves more than just great design. It takes craftsmanship on every level, from the selection of quality parts, to the experienced technicians building and testing the products. We're able to build the products from raw metal to finished good, under the same roof as those who engineered it.



Quality Assurance

Quality is not just a word to STULZ. We believe that a comprehensive quality assurance system covers development, production, implementation, and service. We continually inspect our internal production processes, as well as suppliers' processes and products, to ensure the highest level of quality is being met.

When it comes to mission critical applications, solutions that guarantee maximum system availability are required. Before a STULZ product leaves the plant, it will have undergone an extensive series of quality and efficiency tests. After the product leaves the facility, STULZ provides additional quality assurance with comprehensive warranty and product support services.



STULZ Support

Comprehensive Expertise

Sales Support

Showing integrity in our sales process means that STULZ specializes in listening and delivering. Respect and trust are how we approach companies of all sizes, from small business to Fortune 500.

As a global company, STULZ provides sales services throughout the world. For our USA and Canadian customers, STULZ USA is able to provide individualized expertise with a full design engineering team and domestic production. This allows STULZ to deliver exceptional solutions and services, while providing a personalized touch.

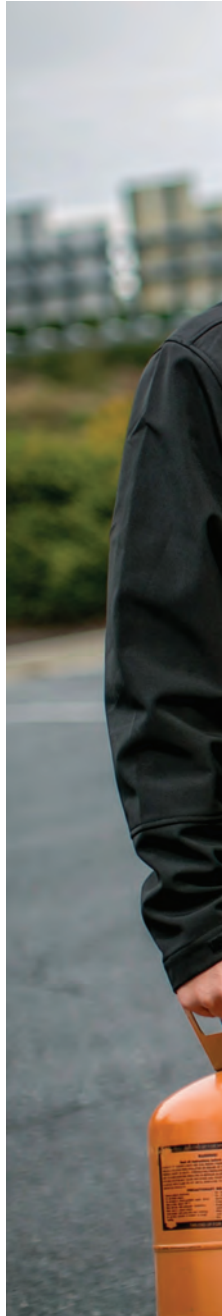


- Provide assistance with energy incentive programs and tax credits
- STULZ USA Supports all DOD and Civilian Agencies
- STULZ USA products meet the requirements of the Buy America Act

Product Support

As a global engineering and manufacturing company, the STULZ Group has a robust product support presence throughout the world.

In North America, STULZ USA designs, manufactures, and supports customers throughout the life cycle of their equipment, all from our North American headquarters in Frederick, MD. With 24 hour technical support, training, warranty inspection and start-up, and parts, STULZ is more than ready to support our customer's needs.



Field Service: Warranty & Start-Up



24/7 Technical Support

PSN Product Support



Call technical support toll free:
(888) 529-1266

Network  Preventative Maintenance  Factory Authorized Training  Spare Parts



STULZ North American Headquarters

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STULZ MISSION CRITICAL SOLUTIONS

- Available
- Unavailable

	Perimeter Mounted Cooling	Row Based Cooling	Ceiling Mounted Cooling	Custom Indoor / Outdoor Air Handling Units	Indirect Evaporative Air Handler	Packaged Rooftop Unit	Modular Cooling	EC Fan Retrofit Kits	Direct Drop In Replacement Units	E² Microprocessor Controller Retrofit	Ultrasonic Humidification	Desiccant Dehumidification
Direct Expansion (DX)	●	●	●	●	●	●	●	●	●	●	●	●
Chilled Water (CW)	●	●	●	●	●	●	●	●	●	●	●	●
Air-Side Economizer	●	●	●	●	●	●	●	●	●	●	●	●
Water-Side Economizer	●	●	●	●	●	●	●	●	●	●	●	●
Controls and Monitoring	●	●	●	●	●	●	●	●	●	●	●	●
Service and Parts	●	●	●	●	●	●	●	●	●	●	●	●



Explore the products.

For further information, please visit our website at www.stulz-usa.com