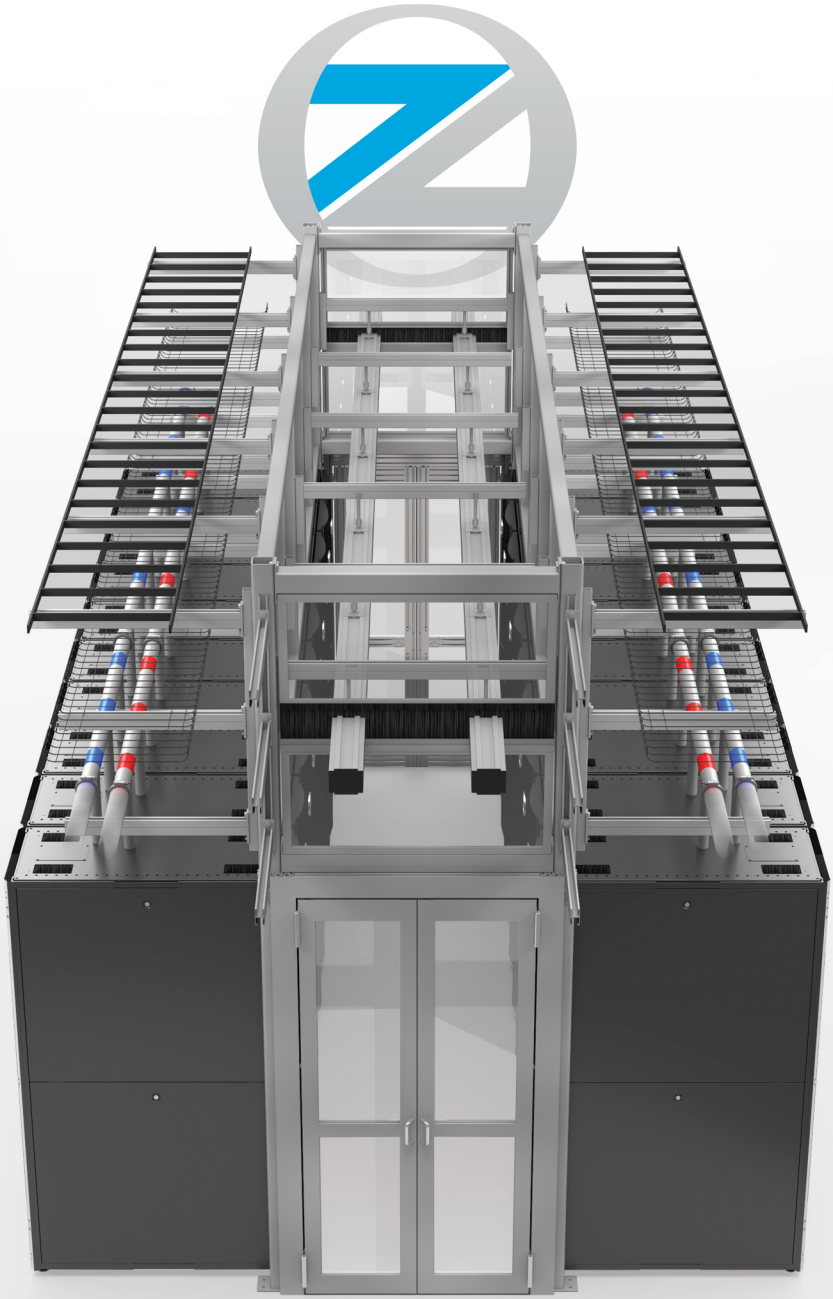


AisleFrame® System

The Future of Data Center Infrastructure

AisleFrame® System

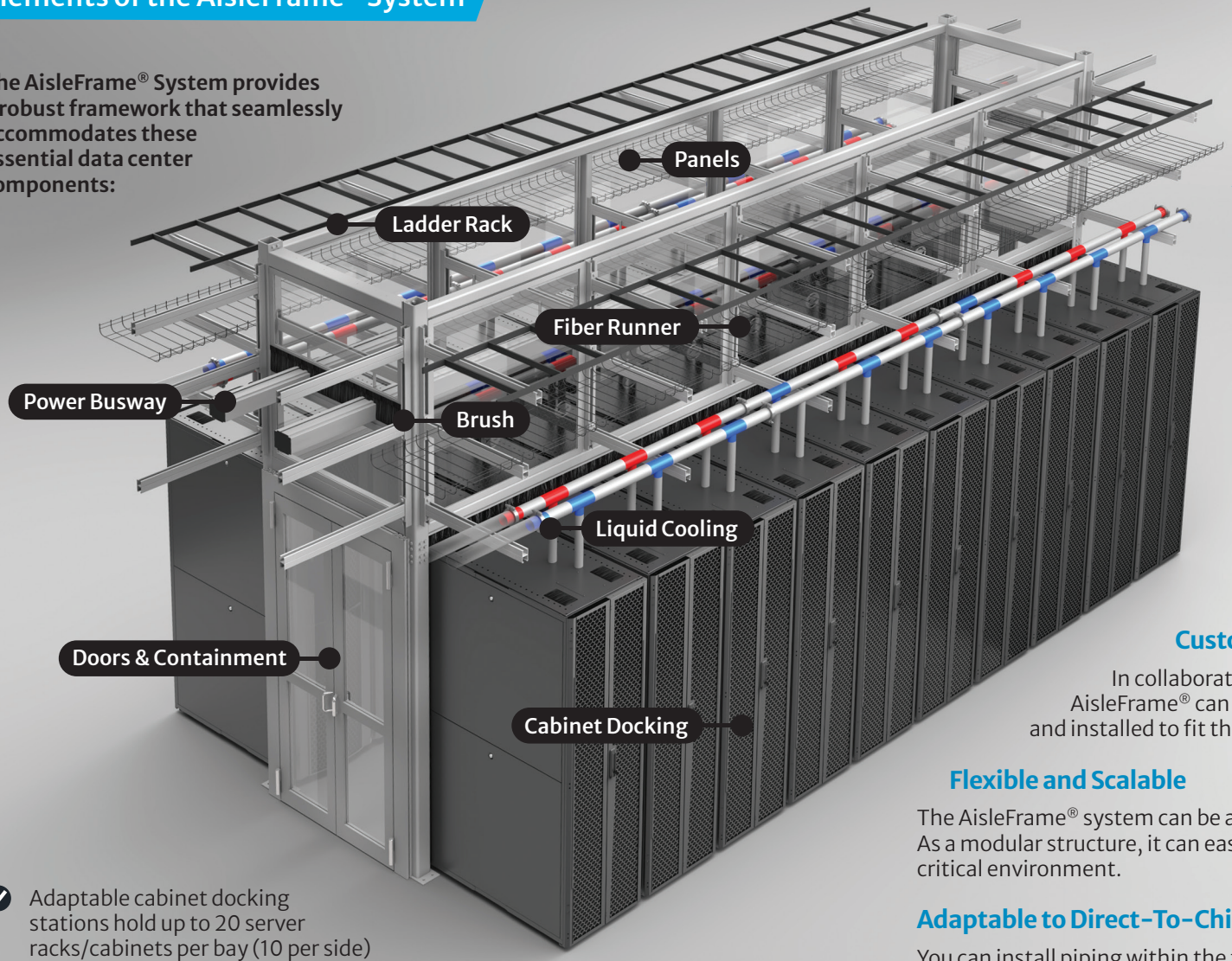
INTEGRATED INFRASTRUCTURE EXCELLENCE

The AisleFrame® System is a ground-supported, frame-based structure that combines the essential elements of IT/HPC infrastructure – cabinet docking, aisle containment, and power/cable/fiber delivery – into a single freestanding unit. Modular, scalable, and completely customizable, AisleFrame® provides a structural base for any sized IT/HPC deployment in virtually any data center or mission-critical environment.



Elements of the AisleFrame® System

The AisleFrame® System provides a robust framework that seamlessly accommodates these essential data center components:



- Adaptable cabinet docking stations hold up to 20 server racks/cabinets per bay (10 per side)
- Hot-aisle or cold-aisle containment, with access doors on either end of the contained aisle
- Mounted busways provide localized power delivery to cabinets and servers
- Mounted fiber runners or cable trays provide localized fiber or cable connections
- A ladder rack provides easy installation and maintenance access
- A hanging brush eliminates air leakage while providing easy access for power and connection cables

Benefits of AisleFrame® System

The AisleFrame® System delivers exceptional value through these key advantages:

An All-In-One IT Deployment Solution

The AisleFrame® system combines all the necessary elements of IT infrastructure – cabinet space, containment, and power/cable pathways – into one simple framework.

Customized to Your Needs

In collaboration with Subzero's engineers, AisleFrame® can be designed, manufactured, and installed to fit the needs of your facility.

Flexible and Scalable

The AisleFrame® system can be adapted to any size of IT deployment. As a modular structure, it can easily be scaled up to fit your expanded critical environment.

Adaptable to Direct-To-Chip Liquid Cooling

You can install piping within the framework to provide liquid cooling to HPC servers.

No Outside Structural Elements Needed

AisleFrame® eliminates the need for raised floors or structural ceilings – but it can be adapted for facilities with these elements if required.

Efficiently Engineered

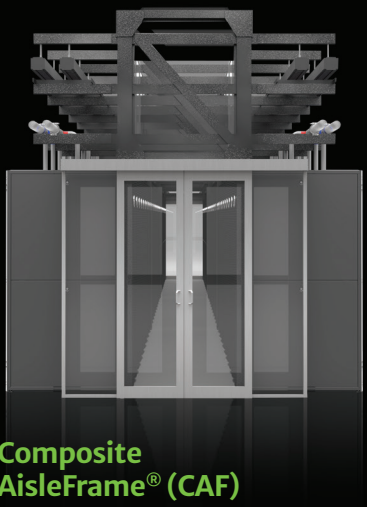
Durable, flexible, and accommodating to any data center environment, AisleFrame® is the ideal, long-term solution for any IT infrastructure deployment.

The AisleFrame® System comes in two versions



Steel AisleFrame® (SAF)

Constructed of steel for higher weight loads. A durable frame-based structure, seismically-rated, and customized to your facility's needs. Made of recyclable, easy-to-source materials.



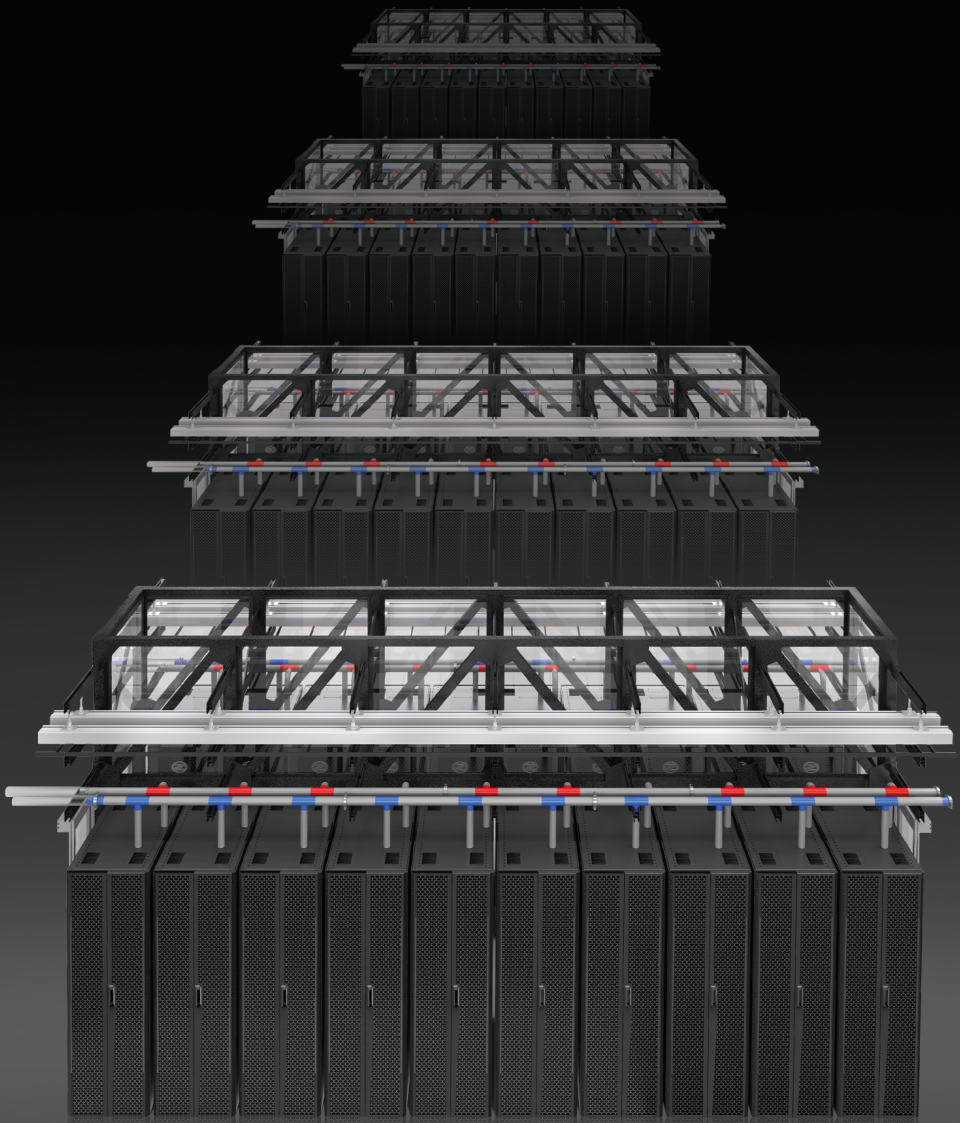
Composite AisleFrame® (CAF)

Constructed using environmentally-friendly composite materials. Every bit as structurally strong as the SAF, but made of lightweight materials for easy transportation, installation, and configuration.

Why choose Subzero Engineering

In providing you with an AisleFrame® solution, Subzero Engineering offers...

- Comprehensive **engineering consultation** and support throughout the design process
- **Highly-customized** AisleFrame® solutions tailored to your specific needs
- Superior responsiveness and **quick delivery** times
- Professional, well-informed **installation teams**
- **Computational Fluid Dynamics (CFD)** studies to determine proper airflow strategy, identify and eliminate hot spots, improve energy efficiency (lower PUE), and achieve energy savings
- Dedicated **long-term support**



SUBZERO ENGINEERING

www.SubzeroEng.com

Learn more about **AisleFrame® System**

Scan to watch **AisleFrame® System Video**

V05 11.04.26