

acceleration

SkyBridge™

Pre-integrated modular solution

Product specification brochure



*Built for high-density
AI infrastructure.*

U.S. manufactured

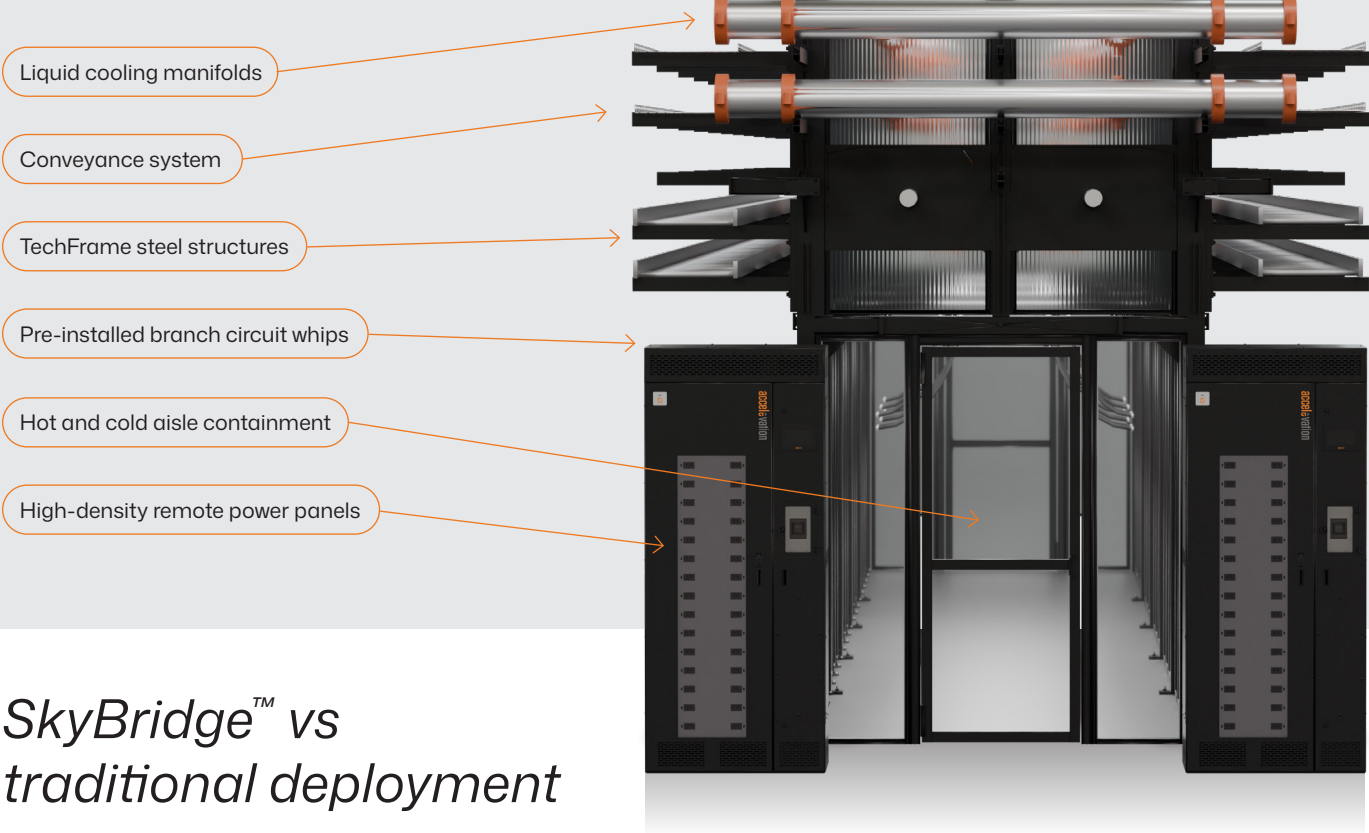
Built to order

AI-ready

UL listed

SkyBridge™ is a prefabricated, factory-built modular infrastructure solution engineered for high-density AI deployments. We design, manufacture and install the complete system, delivering structure, power, liquid cooling, conveyance and containment in 1 coordinated solution.

6 critical systems. 1 factory-built solution.



SkyBridge™ vs traditional deployment

SkyBridge™ pre-integrated modular platform

Power and performance

Power density capacity	1200A UL-listed high-density remote power panel with pre-installed branch circuit whips
Cooling integration	Pre-coordinated structural, electrical and liquid cooling manifold systems
Future scalability	Customizable widths, heights and scalable layouts

Installation and site risk

Structural assembly	Bolt-together precision installation
Installation ownership	Installed by our teams
On-site complexity	Integrated system delivery

Manufacturing and delivery control

Manufacturing model	U.S.-manufactured, factory-integrated modules
Schedule strategy	Parallel manufacturing and site preparation
Accountability	Design, manufacture and installation under one partner

Traditional deployment

Power and performance

Power density capacity	400-800A remote power panel constraints
Cooling integration	Coordination required across multiple trades
Future scalability	Reconfiguration required for expansion

Installation and site risk

Structural assembly	Field welding and overhead assembly
Installation ownership	Third-party contractors
On-site complexity	Multi-trade sequencing and coordination

Manufacturing and delivery control

Manufacturing model	Distributed fabrication and assembly
Schedule strategy	Sequential fabrication and installation
Accountability	Shared responsibility across vendors

The new power density

AI Racks are driving unprecedented power density. Traditional 400A-800A remote power panels require more units, floor space, feeders, and coordination. The same team that engineered and manufacture SkyBridge™ installs it.

SkyBridge™ integrates our highest-density 1200A UL-listed remote power panel along with pre-installed, factory-tested branch circuit whips to deliver unprecedented power capacity within a fully modular platform.

Purpose-built for AI-scale and high-density compute, the SkyBridge™ power architecture provides stable distribution through factory-integrated components that eliminate on-site electrical terminations, reduce coordination complexity, and accelerate deployment.

SkyBridge™ sets a new benchmark for scalable, high-performance power delivery in modern data centers.



WHY ACCELEVATION

Advantages that drive project success

1 Up to 84% reduction in on-site installation

Compared to traditional field-built structures.

2 Reduced on-site labor and coordination

Factory-built integration reduces field work, trade coordination and project risk.

3 Factory-built pre-integrated platform

Structure, power, liquid cooling, conveyance and containment as one coordinated solution.

High-density architecture

Our high-density remote power panel platform supports large-scale loads with fewer total panels required, reducing footprint, simplifying planning and enabling cleaner white-space layouts.

Single-system delivery for faster deployment

We provide a unified system engineered to work together from the start, reducing coordination challenges and enabling faster, smoother project execution.

Factory-tested fully integrated systems

Every assembly is engineered, wired and tested as a unified system before it ships. This eliminates field viability and ensures performance consistency on day one.

Fewer field terminations

With more factory integration built in, your on-site work is minimized, accelerating commissioning and reducing risk during installation.

Reduced feeder infrastructure

Optimized distribution design means fewer feeders are needed to support high-density rows, lowering installation time, material costs and pathway congestion.

Full specification

Power	Containment	Hardware	Finishes
1200A high-density remote power panels (UL-listed)	Sliding or hinged doors	1200A high-density remote power panels (UL-listed)	Frame: powder-coat, RAL 9005 black or RAL 9010 white
Branch circuit whips made to order, factory-tested and UL-listed	Standard or sliding panels	Frame	Strut: pre-galvanized zinc or electro-plated zinc
Custom power distribution units designed for project specifications	3mm acrylic or 8mm twin polycarbonate inserts	Steel tube legs: 5" x 5/16"	Containment: clear or black anodized aluminum
	Blanking panels	Upper portion: W 6x20 beams, 3" x 3" x 1/4" and 4" x 4" x 1/4"	
	Nylon brush or vinyl cabinet seal		



Shipped fully equipped

Structural modules and integrated power assemblies are fabricated in our U.S. manufacturing facilities. Branch circuit whips are pre-installed and factory-tested. **Every assembly is engineered, wired and tested as a unified system** before it ships.



Assembled on location

Bolt-together precision connections using A-325 hot-dipped galvanized hardware. **No field welding. No overhead fabrication risk.** Modules arrive sequenced; structural assembly is faster and more predictable than conventional builds.



Lifted into position

Our trained installation teams set each module into final position and commission the complete system. Pre-installed whips plug in. No on-site terminations. Energization timelines are predictable.



High-density infrastructure built for AI-scale data centers.

Specifications are subject to change without notice. All configurations are subject to engineering review and approval. Custom dimensions may be available upon request. © 2026 Accelelevation. All rights reserved. For use by qualified electrical professionals and authorized representatives only.

Product inquiries

Contact your Accelelevation sales representative for configuration support, quote requests and CAD documentation.

Technical support

User manuals, single-line drawings and commissioning support available for all modular and power installations.