



acceleration

# SkyBridge™

## High-Density Infrastructure Platform for AI-Scale Data Centers - Patent Pending

Designed. Manufactured. Installed.

SkyBridge™ is a patent-pending, prefabricated, factory-built modular infrastructure solution engineered for high density AI deployments.

Acceleration designs, manufactures, and installs the complete system - including UL-listed 1200A remote power panels - delivering structure, power, liquid cooling manifolds, conveyance and containment as one coordinated platform.

From concept to energized deployment, SkyBridge accelerates scale without added complexity.



Flexible



Rapid Deployment



Speed & Scale

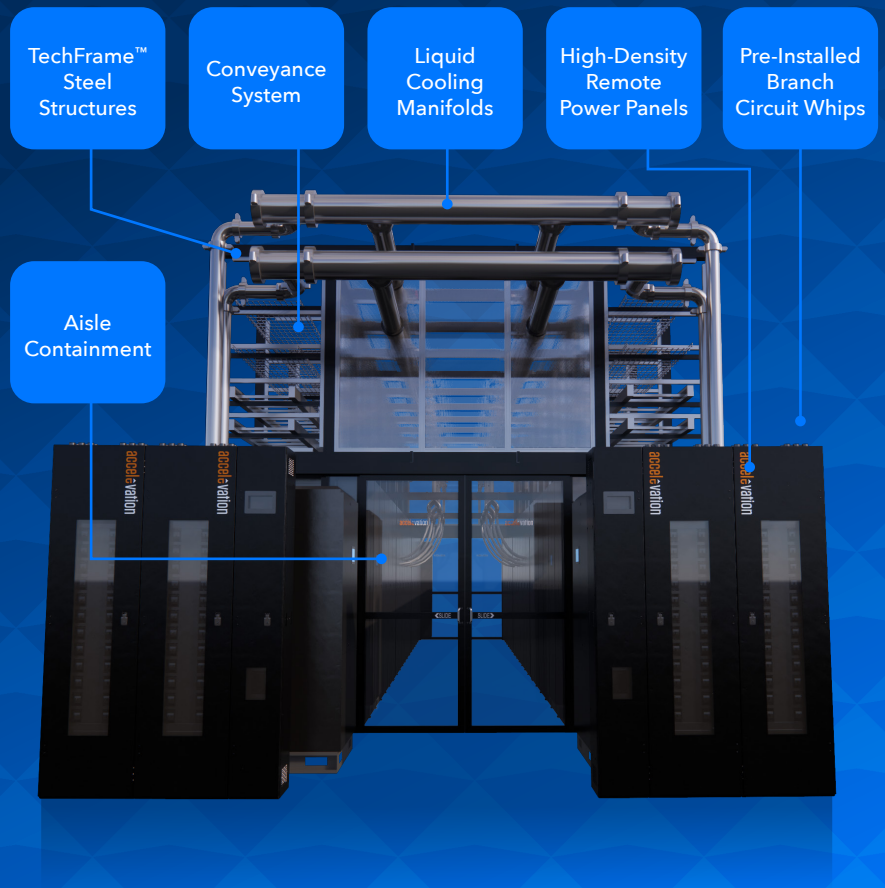


U.S. Manufactured

# SkyBridge™ vs Traditional Deployment

## Designed for Next-Gen AI GPU Environments

SkyBridge™ is purpose-built for sustained high-density GPU workloads, integrating 1200A UL-listed power distribution, coordinated liquid cooling infrastructure, and structural systems engineered for elevated electrical and thermal demands.



### Evaluation Criteria

### SkyBridge™ Modular Platform

### Traditional Deployment

#### POWER & PERFORMANCE

<b>Power Density Capacity</b>	1200A UL-listed high-density RPP with pre-installed branch circuit whips	400-800A RPP constraints
<b>Cooling Integration</b>	Pre-coordinated structural, electrical & cooling manifold systems	Coordination required across multiple trades
<b>Future Scalability</b>	Customizable widths, heights & scalable layouts	Reconfiguration required for expansion

#### INSTALLATION & SITE RISK

<b>Structural Assembly</b>	Bolt-together precision installation	Field welding & overhead assembly
<b>Installation Ownership</b>	Installed by Acceleation-trained service teams	Third-party contractors
<b>On-Site Complexity</b>	Integrated system delivery	Multi-trade sequencing & coordination

#### MANUFACTURING & DELIVERY CONTROL

<b>Manufacturing Model</b>	U.S.-manufactured, factory-integrated modules	Distributed fabrication & assembly
<b>Schedule Strategy</b>	Parallel manufacturing & site preparation	Sequential fabrication & installation
<b>Accountability</b>	Design, manufacture & installation under one partner	Shared responsibility across vendors

# 1200A High-Density Remote Power Panels: The New Density Standard

SkyBridge™ integrates the industry's highest-density 1200A UL-listed remote power panel - engineered and manufactured by Accelevation - 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.



## The Power Problem

AI Racks are driving unprecedented power density. Traditional 400A-800A RPPs require more units, more floor space, more feeders, and more coordination.

### The Accelevation Power Solution

#### Single-System Delivery for Faster Deployment

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

#### High-Density Architecture

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

#### Factory-Tested, Fully Integrated Systems

Every assembly is engineered, wired, and tested as a unified system before it ships. This eliminates field variability 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.

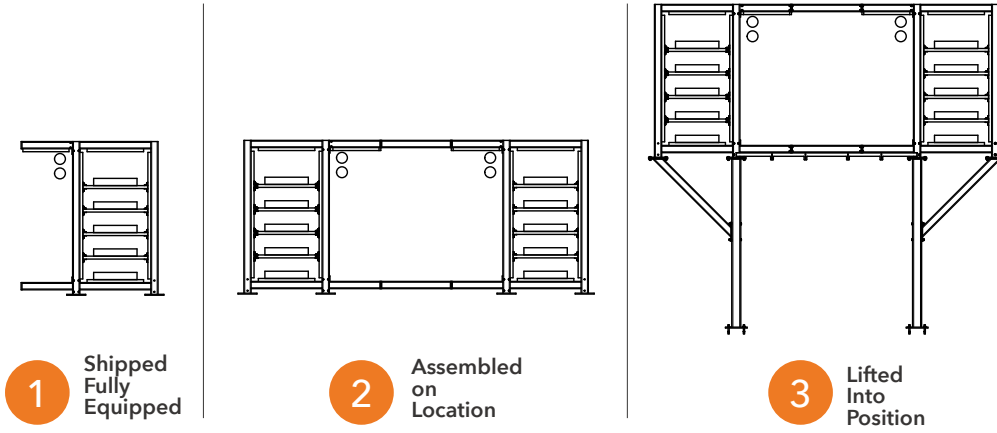
#### Reduced Feeder Infrastructure

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

# Accelerated, Controlled Deployment

Factory-integrated modules. Bolt-together installation.  
Installed by Accelelevation service teams.

SkyBridge modules ship fully equipped, are assembled using bolt-together structural connections, and lifted into final position with minimal on-site disruption - accelerating deployment while reducing risk.



### Factory Integration

Structural modules and integrated power assemblies fabricated in US manufacturing facilities.

### Bolt-Together Precision

No field welding. Reduced overhead risk. Faster structural assembly.

### Accelelevation Installation Teams

Trained service crews who understand the system end-to-end.

### Accelerated Commissioning

Reduced coordination complexity and predictable energization timelines.

## Solution Specifications

POWER	CONTAINMENT	HARDWARE	FINISHES
1200A High-Density Remote Power Panels (UL-Listed)	Sliding or Hinged Doors	A-325 Structural Bolts, Nuts, and Washer (Hot-Dipped Galvanized)	Frame: Powder-Coat, RAL 9005 Black or RAL 9010 White
Branch Circuit Whips: Made to Order, Factory-Tested & UL-Listed	Standard or Sliding Panels		Strut: Pre-Galvanized Zinc or Electro-Plated Zinc
Power Distribution Units: Custom, Designed for Project Specifications	3mm Acrylic or 8mm Twin Polycarbonate Inserts	<b>FRAME</b>	Containment: Clear or Black Anodized Aluminum
	Blanking Panels	Steel Tube - Legs: 5" x 5/16"	
	Nylon Brush or Vinyl for Cabinet Seal	Upper Portion: W6x20 beams, 3" x 3" x 1/4" and 4" x 4" x 1/4"	

Accelelevation is a U.S.-based manufacturer and installer of mission-critical data center infrastructure. We design, manufacture, and install integrated structural, electrical, and containment systems engineered for high-density AI and hyperscale deployments.

With multiple U.S. manufacturing facilities and in-house power distribution capabilities - including UL-listed 1200A remote power panels - Accelelevation delivers factory-built infrastructure with end-to-end accountability.

Our modular platforms are engineered for scalability and rapid adaptation, with customizable widths, heights, and layouts designed to fit varying data center footprints and evolving deployment demands.

From structural backbone to energized power system, we build what the future runs on.



**Accelerate your next AI deployment.**

Visit the SkyBridge page at [accelelevation.com](https://www.accelelevation.com) or connect with your Accelelevation account executive to get started.