



Scaling AI Infrastructure: Park Place Deploys 252 Racks and 90 km of Fibre Cabling for a European Data Center Build

CASE STUDY

COMPANY BACKGROUND

\$29B

2025 REVENUE

6,000

APPROX. EMPLOYEES

CALIFORNIA, USA

GLOBAL HEADQUARTERS

THE CHALLENGE

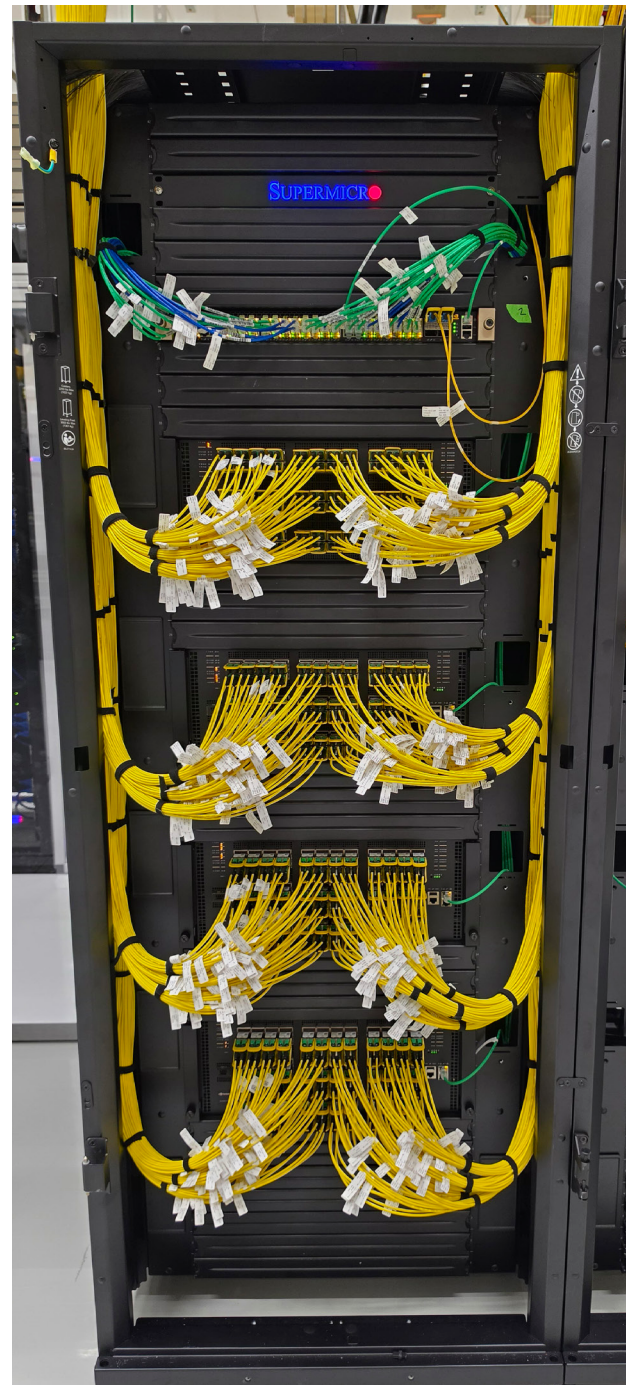
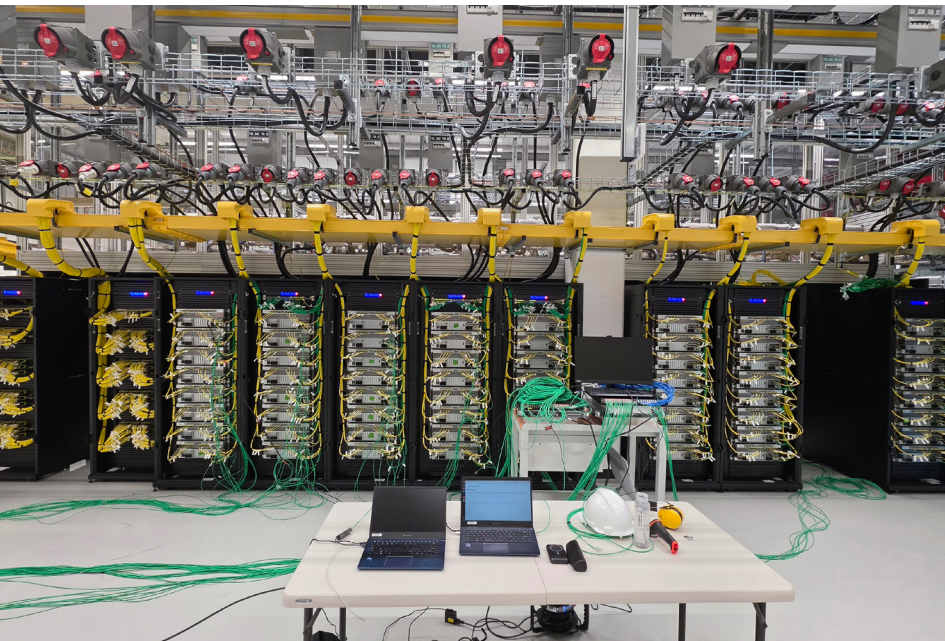
When a large-scale infrastructure company in Europe needed to pivot its multi-phase AI data center plan, the clock was already ticking. The project called for 252 racks of NVIDIA Blackwell GPU servers built for AI workloads, requiring a sophisticated combination of direct-to-chip and rear-door, liquid-cooling facility infrastructure. Complications with a previous vendor during Phase 1 had put the broader build schedule at risk, and environmental issues that surfaced during that phase still needed to be resolved. Phases 2 and 3 had to move fast to keep the project on track.

The new vendor picked for Phases 2 and 3 needed more than someone who could show up and execute a plan. They needed a partner who could assess the issues, design a better deployment path forward, and deliver it with the speed and precision the project demanded.

WHY PARK PLACE

- **More Than a Vendor, A Trusted Partner:**
When the original plan fell short, Park Place didn't take the easy way of just executing instructions. We assessed the situation, identified what needed to change, and built a better path forward. That's the difference a trusted partner makes when a high-stakes project is already under pressure.
- **Design and Execution Through Our PMO:**
Park Place's Project Management Office led the way, from scoping and sequencing to on-site execution and closeout, with the structure and rigor a project of this complexity required.
- **Structured Cabling and Deployment for Complex Environments:** AI data center infrastructure demands precision at every layer. Park Place brought the expertise to deploy 90 km of fibre cabling point-to-point, 30,000+ 1.6 TB optical transceivers, and 252 racks of GPU servers, handling the full scope of a complex, high-density environment without missing a beat.





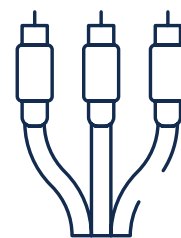
OUR SOLUTION

Having worked with Park Place before, the infrastructure's new vendor knew where to turn. What began as a limited engagement with hourly support to work through an existing rollout plan quickly became something larger. Once Park Place's Deployment team assessed the environment, it was clear the original plan wouldn't hold. Environmental issues from Phase 1 and the need for new fibre cabling required a fresh approach.

Park Place's Project Management Office stepped in and designed a comprehensive deployment rollout covering both Phase 2 and Phase 3. The new plan identified a requirement for 90 km of fibre cabling and 30,000+ 1.6 TB optical transceivers, which Park Place could deploy point-to-point alongside the full rack rollout. As a trusted partner already aligned with the customer's goals, the revised plan was approved quickly and execution began without delay.

THE RESULTS

Phase 2 was completed ahead of schedule. Phase 3 followed smoothly. Across both phases, Park Place deployed the fibre cabling and transceivers and stood up the 252 racks with full-liquid cooling facility infrastructure in place. Park Place's Project Management Office drove both phases from start to finish, maintaining structure, accountability, and momentum throughout. And the partnership didn't end at project close. Park Place is now engaged with the same vendor on additional projects.



100K+
MPO12 (90 KM) OF
STRUCTURED CABLING



252
RACKS OF NVIDIA
BLACKWELL GPU SERVERS