Powering hyperscale connectivity



SpliceGroup delivered end-to-end connectivity solutions for a large Hyperscale project in Europe.

As a strategic partner, we delivered high-density quality fibre and copper connectivity solutions at scale to support one of Europe's fastest-growing digital gateways.

A globally *connected digital gateway*

Working at one of Europe's largest and most sustainable AI-ready data center campuses in Sines, Portugal, offering direct high-capacity fibre connectivity across four continents, links to 124 cable landing stations and network reach into 75 countries.

NSCALE

Sustainability *by design*

Sustainability is central to design for long-term environmental performance.

The site operates on 100% renewable energy, uses advanced seawater cooling, eliminates freshwater consumption, and delivers industry-leading energy efficiency, setting a new benchmark for sustainable hyperscale development.

SpliceGroup's *role*

End-to-end supply chain *and delivery ownership*

SpliceGroup managed the entire supply chain from factory production through pre-staging, port connections and final installation and commissioning on site.

This seamless end-to-end ownership ensured every component was tracked, quality-checked, and delivered on time, eliminating handover risks and delays.

Installation, managed services *and commissioning*

Our team provided a complete lifecycle service:
> Expert installation of high-density fibre infrastructure
> On-going managed services to maintain operational excellence
> Full commissioning, ensuring every port was tested and ready for immediate use.

Tailored *solutions*

We designed and delivered bespoke connectivity solutions specifically optimised for pre-staged GPU racks, ensuring maximum performance and compatibility for the latest AI and data centre technologies.

High-performance *delivery at pace*

SpliceGroup's commitment to quality meant every stage was executed to the highest standard, with a "right first time" approach that minimised rework and accelerated project delivery.

Scale *and impact*

> Over 40 million metres of fibre installed.
> Project completed within 8-week installation programme window, delivered 1 month earlier than originally anticipated.

Why *SpliceGroup?*

Our engineering-led, phased delivery model enabled early commissioning, accelerated handovers and consistent performance across the project.

With a multi-disciplinary team of over 50 specialists, we ensured resilience, scalability and operational efficiency from day one.

The *result*

A benchmark project for hyperscale infrastructure, delivered at pace and with sustainability at its core.

"I'd like to recognise the team at SpliceGroup — a huge thank you to everyone involved for the quality of delivery on this project. Completing the works in such a tight timeframe, and to such a high standard, is exactly what we expect across our programmes. Your collaboration throughout, even on the most challenging days, did not go unnoticed and was a big part of what made this a success. This is the benchmark we want to continue building on together as we scale delivery of high-quality AI infrastructure for some of the world's largest hyperscalers. We look forward to continuing the partnership on the next phases."
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