

Delivering trusted fibre **connectivity** *for critical rail infrastructure*

PADS-approved, modular fibre solutions designed for demanding rail networks

SpliceGroup works with a major European rail infrastructure organisation, providing consultative fibre management expertise alongside PADS-approved fibre products.

The partnership focuses on delivering reliable, consistent and modular fibre connectivity suitable for critical rail environments, where minimising disruption and downtime is a key infrastructure requirement.

The *challenge*

Rail infrastructure relies on dependable connectivity to support the movement of data across operational environments.

The core challenge for the client is to maintain fast, reliable and consistent data connectivity while minimising data loss, disruption and downtime. Fibre solutions must also meet the required rail approval requirements for deployment within the network.

Project *objectives*

> Reliability:

Provide fibre connectivity designed to support consistent data transmission across critical rail infrastructure.

> Flexibility:

Provide modular solutions that can accommodate differing infrastructure and operational requirements.

> Scalability:

Create a fibre connectivity approach capable of supporting changing network requirements.

> Consistency:

Establish a consistent approach to fibre connectivity and infrastructure delivery.

> Cost effectiveness:

Deliver high-quality infrastructure and services while working within defined project budgets.

> Rail-approved solutions.

Provide PADS-approved fibre products suitable for use within the client's rail environment.



Our *solution*

We combine consultative fibre management expertise with approved connectivity products to support the client's rail infrastructure requirements.

> Consultative fibre management:

Connectivity requirements are assessed from an infrastructure perspective, enabling solutions to be developed around the requirements of the rail environment.

> PADS-approved fibre products:

Approved fibre products provide the client with connectivity solutions that meet the required PADS approval requirements identified for the network.

> Modular fibre connectivity:

A modular approach provides flexibility to support differing infrastructure requirements while maintaining a consistent connectivity architecture. The source specifically positions the PADS-approved solutions as delivering modular connectivity.

> Project installation services:

We provide installation services focused on implementing fibre infrastructure correctly from the outset and minimising the risk of installation errors and downtime.

> Ongoing support:

On-site services provide continued monitoring and support for fibre infrastructure beyond the initial installation.

Partnership *value*

The partnership brings together SpliceGroup's fibre connectivity expertise and PADS-approved product capability to provide a consistent approach to connectivity within a critical rail environment.

By combining consultative support, modular connectivity, approved fibre products and installation services, SpliceGroup supports the client's requirement for reliable, flexible and consistently delivered fibre infrastructure.