

A high-speed train is captured in motion, blurred to convey speed, as it travels along a modern railway track. The train is white with a prominent blue stripe. The station platform is visible in the foreground, featuring a yellow and blue safety line. In the background, several modern, multi-story buildings with glass facades are illuminated, suggesting an urban setting at dusk or dawn. The sky is a deep blue, and the overall atmosphere is one of modern infrastructure and efficient transportation.

 **Banelec**

**Keeping your rail operations on track**



# About Banelec

Rail remains an area of key focus for the UK Government. Spending on rail infrastructure in the past five years has topped £100bn. With major schemes coming down the track, opportunities to access billions of pounds worth of future contracts are widespread and there's never been a better time to register interest.

Banelec is your ideal rail safety and automation partner. We offer a complete one-stop service for all your electrical control system needs, based on years of technical experience and expertise in the rail sector.

Some of the projects we've completed in this industry include upgrading rail jack systems that can lift up to 80 tonnes via a safety-monitored control system. We've carried out 15 such installations, including a system for the Porto Metro, in Portugal, capable of lifting a whole tram via 16 jacks (expandable to 32).

We've built systems for bogie rotation, including a solution that can be mounted on the back of flatbed carriages and used to replace tracks up to 200m in a single lift. It comprises 32 radio-controlled jib cranes spread across 16 carriages and was designed to enable operators to allocate carriages to different locations if they get re-coupled in a different position on the next run. We've also supplied a train turntable for Hitachi trains, along with electrical harness jacking trolleys.

We have vast experience in making rail systems and processes safer and more efficient by harnessing the latest technologies and innovations. Our full range of services includes hazardous area enclosures, electrical controls, Industry 4.0 applications, robotics, conveyor controls and complete automation solutions.

We're passionate about process improvement, using the latest technology to increase reliability, productivity, efficiency and safety. For more about our services, visit [www.banelec.com](http://www.banelec.com), email [info@banelec.com](mailto:info@banelec.com) or call 01384 484805.