

Accelerating Accessibility: How EFA Engineering Enabled Safe, Efficient Delivery of Beaulieu Park Station



## Introduction

Beaulieu Park represents the first new station on the Great Eastern Main Line in over a century—a landmark project demanding exceptional engineering assurance and integrated delivery. Network Rail engaged EFA Engineering to provide specialist multidisciplinary support, ensuring complex station development met all regulatory, technical, and program requirements for safe, assured entry into service.

## Background

Beaulieu Park is a new station fully integrating civils, track, signaling, lifts, and MEP systems under strict Network Rail governance. Delivery required careful coordination, staged planning, and rigorous assurance to enable a seamless operational transition.

## The Challenge

Delivering Beaulieu Park Station posed major hurdles:

- No precedent, first new GEML station in 100 years
- Strict standards, full traceability and compliance required
- Multidisciplinary delivery, tight coordination across all systems
- Regulatory readiness, Entry into Service and hand back validation



## Why EFA Engineering

EFA Engineering was engaged for our expertise in Network Rail assurance and multidisciplinary integration, spanning civils, track, signaling, lifts, and MEP, with strong governance and program leadership to deliver technically robust, compliant, and coordinated outcomes. We provided clarity, precision, and leadership across every stage of the project.

## How EFA Engineering Responded

We delivered targeted engineering expertise to reinforce assurance and build around four pillars:

- **Engineering Assurance:** Robust governance aligned with Network Rail standards to manage technical and compliance risks
- **Technical Integration:** Coordinated civils, track, signaling, lifts, and MEP interfaces for seamless commissioning
- **Program Planning:** Managed staged designs and progressive assurance for safe, efficient delivery
- **Safety & Readiness:** Embedded CDM and CSM principles to ensure a controlled, compliant Entry into Service

We worked closely with Network Rail teams, acting as true delivery partners focused on outcomes.

## The Results

The impact of EFA Engineering's work was immediate and lasting, delivering a safe, compliant, and fully integrated Beaulieu Park Station through multidisciplinary expertise and rigorous assurance.

Our work delivered measurable impact:

- **Full Entry into Service readiness** - achieved through complete safety and quality validation.
- **Seamless multidisciplinary coordination** - ensured smooth commissioning and operational transition.
- **Consistent delivery performance** - across design, assurance, and hand back stages.
- **Long-term operational reliability** - supporting future Great Eastern Main Line capacity

**Contact us today to explore how we can support your next project.**

If you're facing delivery challenges or want to improve efficiency in complex infrastructure programs, EFA Engineering can help. Our team brings clarity, speed, and value to every engagement — with solutions that are grounded in data, experience and built for impact.

**Contact us today to explore how we can support your next project.**