NG Bailey

IT Services

Bringing experiences *to life*

Introduction

We live in an uninterrupted, always-on hyperconnected world and this is now a reality for us as individuals, consumers, and businesses. Our IT Services team aims to deliver integrated IT infrastructure and managed services which transforms what's possible in connectivity, data management and analysis. From iconic buildings and national landmarks to trailblazing projects in all sectors; we are working hard to enhance the performance of organisations and public institutions everywhere.

Over the past few years, we've seen the technology and sectors in which we operate change, and we are now set to embark on the next chapter of our journey, primarily driven through a new three-year growth plan, which aims to accelerate annual revenues to over £40m by 2024/25.

It's an ambitious vision, but by working with customers across our five key sectors of defence, healthcare, commercial and data centres, entertainment and venues, and infrastructure we are confident we will achieve our goal.

We provide exceptional technical expertise to bring the hospitality sector to life by transforming the IT infrastructure of global entertainment and sports businesses with a range of services, management solutions and technology that ultimately creates a more engaging experience for consumers.

Our IT Services offer is more than simply providing services to buildings and dealing with wires. People are at the heart of everything we do as we transform what's possible through connectivity to build better businesses, empower people and enrich lives.

Kelly Tedesco
*Managing Director,
IT Services*

NG Bailey IT Services is a global leader in integrated IT infrastructure and managed services to the entertainment and venues sector, transforming what's possible in connectivity, data management and analysis.

We achieve this through our **unrivalled technical expertise**, **a consultative approach** and the **unmatched end-to-end capabilities** that come with being part of the NG Bailey Group, the **UK's leading independent engineering and services business.**

W**e bring experiences to life** for people across **sports grounds**, **arenas** and the **hospitality sector by enabling seamless and flexible Wi-Fi and private 5G networks.** These not only provide **comprehensive accessibility** and integration of services, from food and beverage to security, but help to unlock new revenue streams and simplified venue management.

It's why we work with some of the biggest names in **sport and the best venues in the business...**

What we do ⟫

We're *transforming the IT infrastructure* of global entertainment and sports businesses and organisations with a range of *technology* and *management solutions* and *services*.

From enhanced security to electronic point of sale and outside broadcast, we provide venues with applications that benefit operators.

In turn, this creates a richer, more engaging experience for consumers, allowing for greater connectivity and live events to be experienced in a whole new way, from in-seat refreshments to augmented reality and mobile event information.

Our services include:

Flexible and mobile connectivity for Wi-Fi and Cellular

Outside broadcast

Reaching a wider audience for connectivity

How we do it? ⟫

We take a **consultative approach** to **understand the challenges and opportunities** that exist within a customer's organisation.

▶ *Working in partnership,* often with our designers and engineers embedded within the client team.

▶ We *develop solutions* that deliver tangible benefits transforming how they work and what they can achieve through *connectivity and data management.*

▶ We then *manage and support* that infrastructure to develop, enhance and *maximise those benefits now and for the future.*

Case Study: Westgate Oxford

*Part of the **Landsec** portfolio, **Westgate Oxford** is a prestigious retail and leisure destination including **more than 40 major high street names,** including John Lewis, Reiss and River Island.*

Located in the heart of Oxford city centre, Westgate Oxford offers visitors access to the latest entertainment, fashion, food and beverage and lifestyle offers, including cinema and street food experiences.

With each tenant requiring elements of bespoke connectivity for their respective systems and an extensive landlord network for security, building management system and public Wi-Fi, our extensive range of technology and management solutions and services were critical.

Utilising multiple permanent on-site teams over the programme period, our project scope included a full structured cabling scheme and fibre optic backbone infrastructure.

Key benefits:

Bringing experiences to life	360 bespoke connectivity	Flexible public Wi-Fi	Integrated service delivery

We designed an Internet Protocol scheme for LandSec and worked closely with each client and service provider to ensure full connectivity between them. This included delivery of network services including DNS and DHCP.

NG Bailey IT Services played the lead role on master IP integration, implementing the management platform for all the networks, including storage network and back up.

Our scope also included ensuring all network areas requiring separate systems such as EV charging, wayfinding, digital signage and access control were fully operational and integrated.

Our end-to-end capability enabled numerous technologies to co-exist and interact.

This has not only helped the shopping centre operators and its tenants to offer best in class services, but has given visitors a richer, more engaging experience.

We have transformed what's possible in connectivity in a retail environment and changed the way people think about a visit to the shops.

Case Study: Brentford Community Stadium

Built primarily for Brentford Football Club and the local community, *Brentford Community Stadium is a **state-of-the-art venue** with a capacity of 17,250, including facilities for corporate entertainment and the media.*

With a new stadium, Brentford Football Club required a partner with not only an industry leading track record in integrated IT infrastructure and managed services to the entertainment and venues sector, but also the capabilities to create a richer, more engaging experience for fans.

With a rich pedigree in working with some of the biggest names and venues in the business, transforming what's possible in connectivity, data management and analysis, we were the natural partner of choice.

This was supported through our unrivalled technical expertise, consultative approach and the unmatched end-to-end capabilities that come with being part of the NG Bailey Group, the UK's leading independent engineering and services business.

End-to-end capability	360 connectivity	Richer spectator expertise	Integrated systems	Unrivalled technical expertise

Under the project scope, we designed and installed a structured cabling scheme for the stadium alongside fibre optic, Wi-Fi, private mobile, internet security and server infrastructure.

We also designed and delivered the new Internet Protocol scheme for the stadium, with our ability to undertake complex IP integration key to successful delivery.

Working within a complex build environment with the majority of the stadium constructed during the Covid-19 pandemic, we acted as technical consultant and 'master integrator' to ensure bespoke systems, such as the score board and video replays working together with broadcast equipment, and external service providers seamlessly operated across a managed network platform.

Integrated connectivity has also enabled industry leading systems to be integrated and supported, including CCTV, turnstiles, ticketing, pitch side cameras and display monitors.

Now fully operational and through our delivery of greater connectivity, Brentford Community Stadium delivers an enhanced experience for spectators, broadcasters and staff, changing the way people watch sport.

Case Study: Belfast Waterfront

With **market-leading capabilities** across health, defence, commercial and data centres, entertainment and venues, education and infrastructure projects, we're **transforming the IT infrastructure of global businesses and organisations** with a range of technology and management solutions and services.

- **Seamless** and **flexible Wi-Fi** and **private 5G networks**
- **Digitalisation** and **integration of IT and data systems**
- **Unified** Communications
- **Ofcom and network operator** approved **EV charging solutions**
- **Structured** cabling
- **Electronic** Security

Belfast Waterfront

We delivered IT infrastructure services on this IP-converged solutions project.

Which equipped the newly expanded Belfast Waterfront conference and entertainment venue with smart building connectivity, security and safety, enabling a world-class visitor experience.

Close collaboration at the design stage enabled us to propose a systems architecture that would both exceed the client's requirements and support a flexible approach to installation.

All IT works could be managed as part of a complex and multifaceted build schedule.

Why we are the partner for you!

We build better businesses and organisations

Through instant data access and analysis built around our customers' needs, we support digital innovation, connectivity and infrastructure and provide built in resilience and reliability.

We empower people

In today's rapidly changing world, people are at the heart of everything we do. Through our cloud-based unified communications, we help people to work from anywhere or just stay in touch creating more meaningful relationships and better-informed business decisions.

We enrich lives

From powering virtual content at concerts, enabling joined up digital patient care and creating the flexible working conditions to improve work-life balance, we are helping transform how people experience the world.

Working together for positive impact

NG Bailey