Your **mobile** and **enterprise app** projects delivered

Microsec is a technology and consulting company that provides comprehensive services in software development, design and maintenance.

Introduction

Microsec is a trusted software development partner to **design, deliver and support** your mobile and business software vision from start to finish.

Founded in 1979, we are **one of the longest-established software development and support companies in the UK**. Since that beginning, we have designed, developed and supported software solutions using practically every technology in mainstream use.

Selected clients
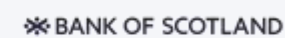
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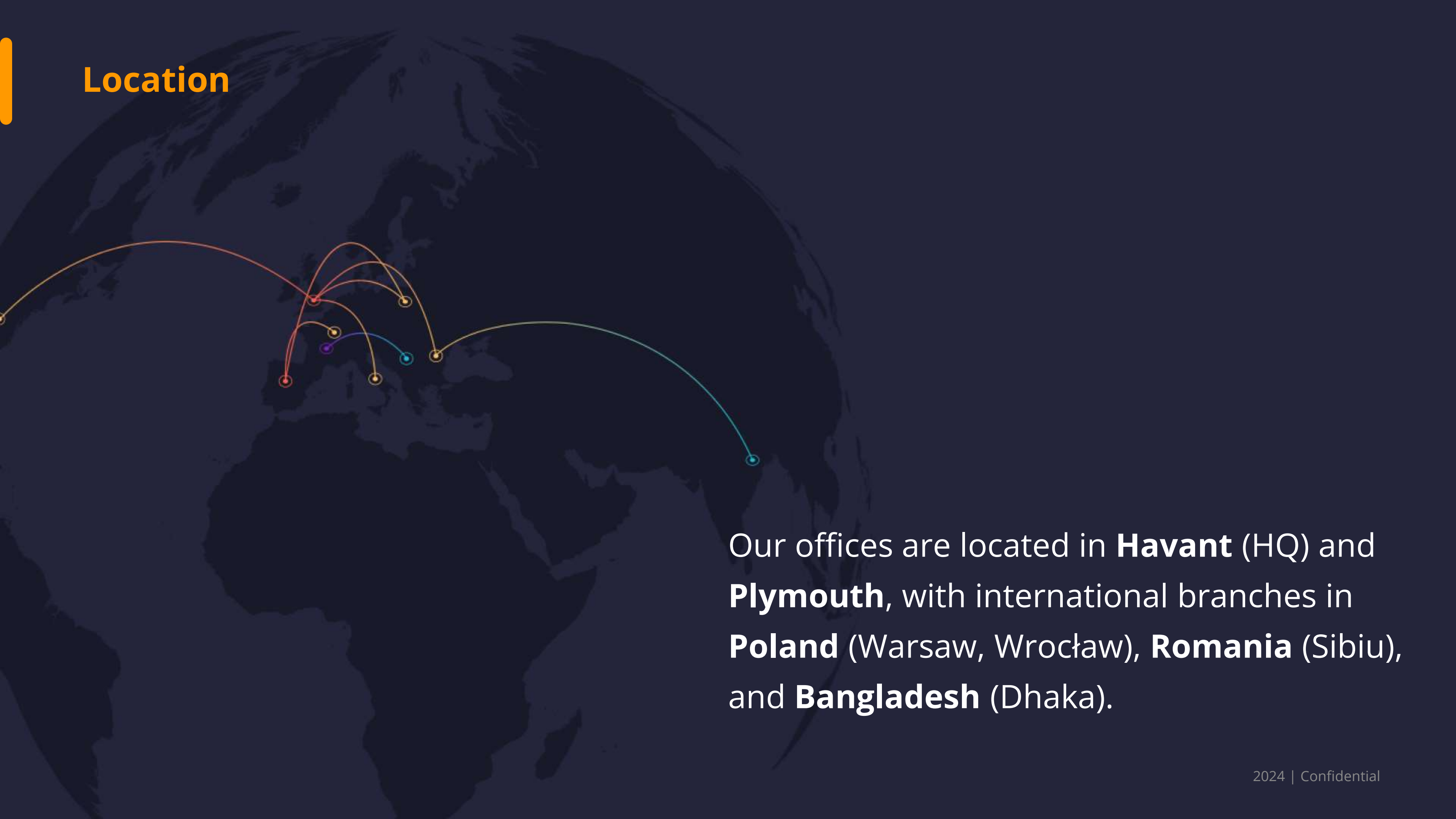
Our offices are located in **Havant** (HQ) and **Plymouth**, with international branches in **Poland** (Warsaw, Wrocław), **Romania** (Sibiu), and **Bangladesh** (Dhaka).

Services

Built up over 40 years across a broad range of industries, our experience, skills and reputation is a formidable combination we're confident can be applied to any software development project.

Mobile app development	Software development	Legacy updates and support	Project recovery	User experience	Website development

Approach

Discover

Before any talk of features or code, we want to understand your end users' needs, your business requirements and vision. **We can help you choose what matters to your customers and for your business and what's feasible within your budget.**

Develop

Your project plan will detail what you can expect and when, throughout the delivery of your project. Microsec's team of skilled experts ensures your software is fast, reliable, secure and scalable.

Design

With a deeper understanding of your users and their underlying needs we can assemble an experience that works for them, coupled with thoughtful attention to a beautiful interface. **We turn designs into working apps and systems you can interact with and make improvements from what we learn.**

Support

After launch, you have a partner who is available, actively working on solutions and keeping you informed until the job is done. Software projects we deliver are designed to meet planned usage and respond to higher demands.

Technologies

Microsec invests in its people to ensure they are competent and able to deliver you high quality code, across a list of programming languages and systems. We're skilled across multiple technologies and platforms and have the certifications to prove it. **Whether your project is new build or legacy, we very likely have the expertise available to advise you and meet your development resource needs.**
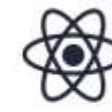
Java	C#	Python	JavaScript	Angular	React
Flutter	Xamarin	MAUI	Azure	AWS	ORACLE

Financial stability

Steady **growth**, both income and headcount.

Annual results

|	Net Income	Net Profit	Bank
2023	26209615	882436	10 255 536
2022	25213158	1261663	9 434 364
2021	19060377	1291578	7 741 634

Headcount
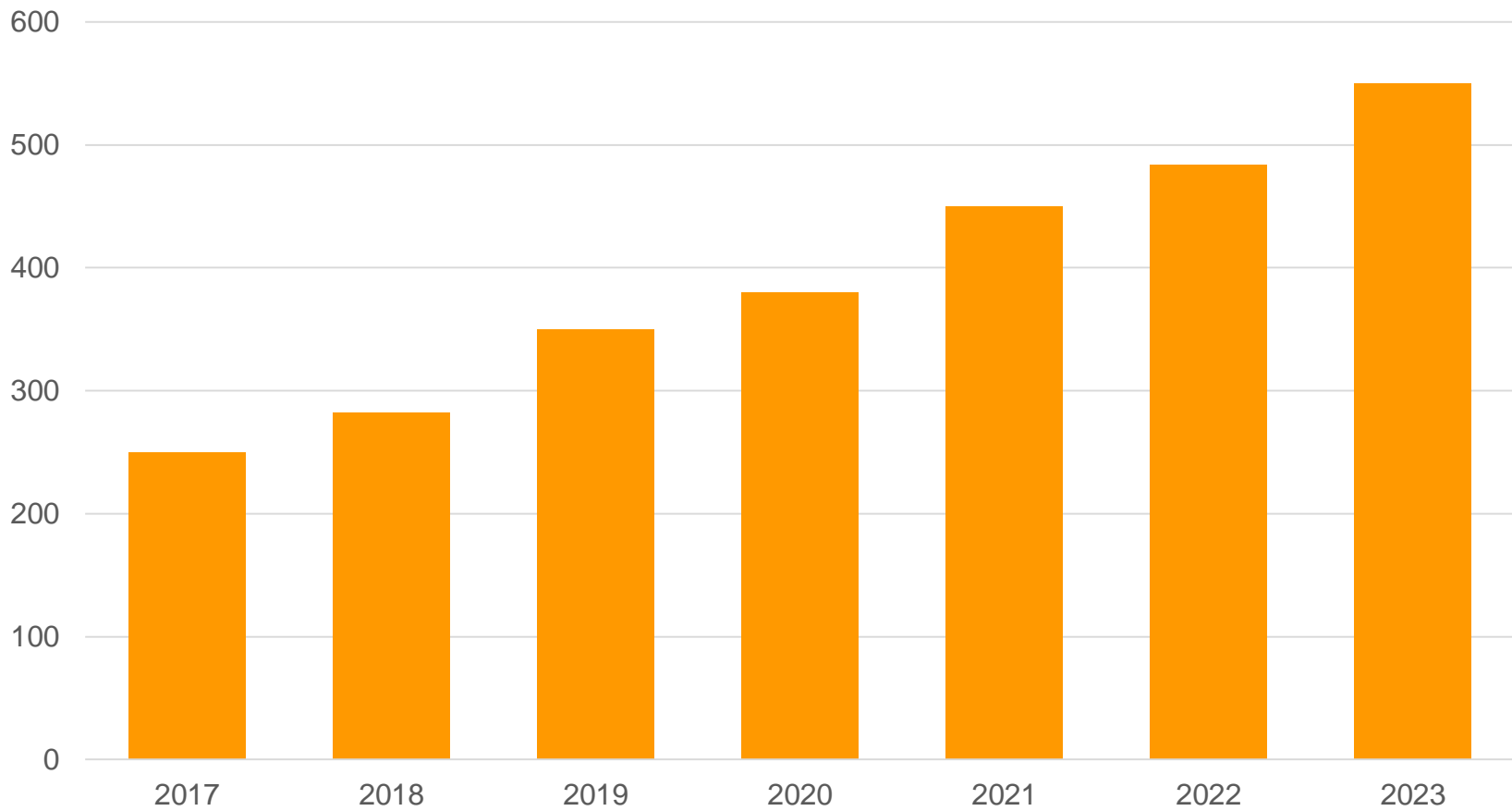
Humanoid Robot

We've engineered a humanoid robot tailored for natural interactions with humans, aimed for **customer service at any point of sale**.

Our solution was based on AI components, including **NLP - neural networks with LSTM architecture** for chatbot functionality and sentiment analysis, as well as voice cloning analysis using **nanoGPT**.

In our visual processing approach, we used **convolutional neural networks** for multi-layer image classification and segmentation. These include image depth estimation, identification of common objects (such as dogs, humans, and computers), and human pose estimation (recognizing the angles between individual joints).
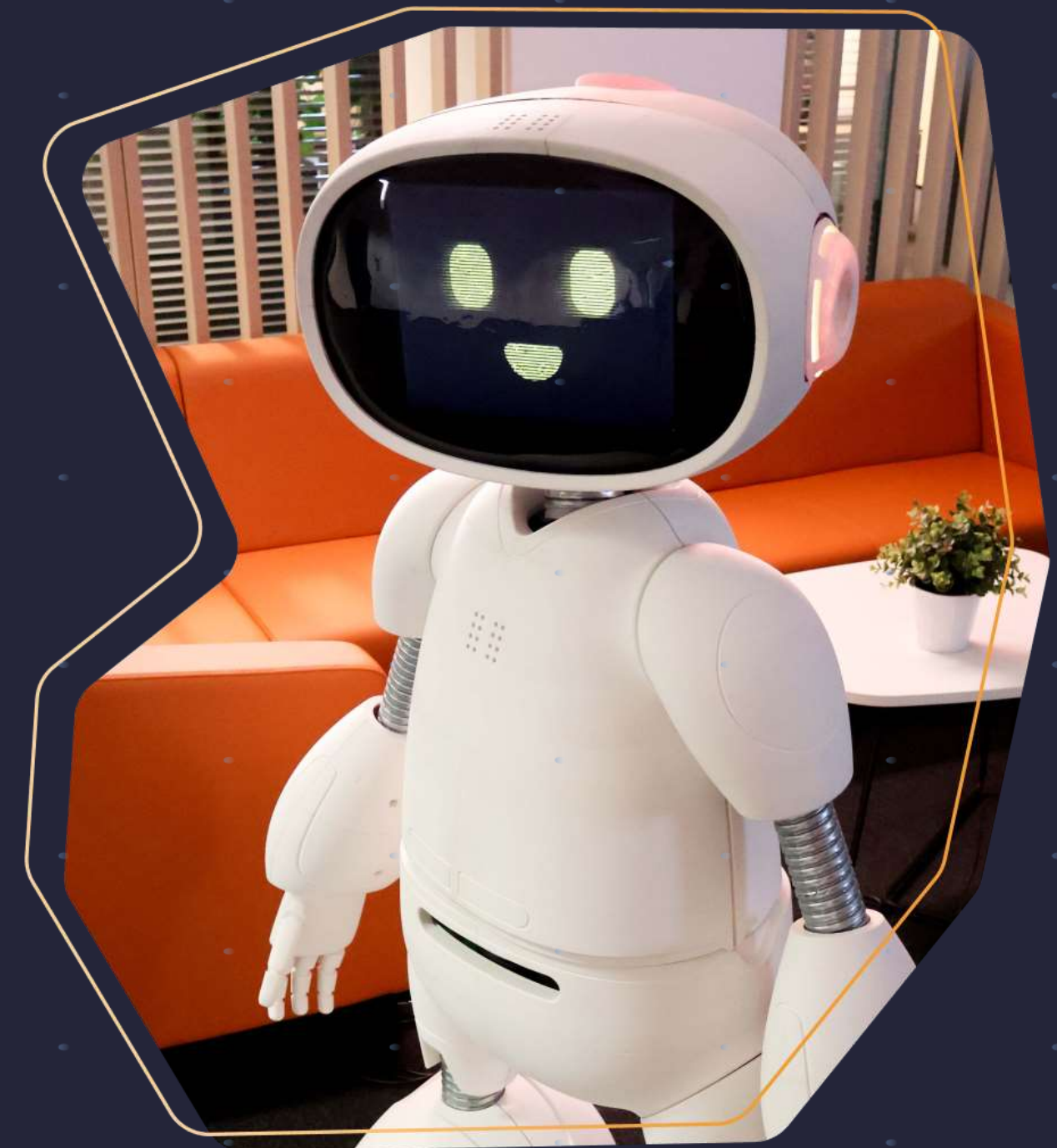
Selected projects

WPA

We were awarded the opportunity to completely overhaul and rewrite the selling, customer service and customer facing systems for WPA, one of the largest health insurance companies. The client already had a system with limited usage and not built the way they wanted to move forward with. **The result of the project increased their sales by 20%.**

Results

260,000+	25,000+	2 mins
logins since relaunch in November 2019	claims made via the app	to authorise a claim

Selected projects

Network Rail

The primary supplier to the UK rail industry came to Microsec to partner their development of a next generation **GSM-R radio training simulator**. Using the hardware specifications of the physical radio as a model, coupled with briefing and training from the Network Rail training team, Microsec produced a modern, intuitive training system. **The end solution won the top award at The Railway Industry Innovation Awards.**

66 *Microsec very quickly mastered the technical landscape of our systems and successfully migrated these to a hosted service, with no service interruption to our national network of clients and mobile field workers.*

Jim Raymen

Project Manager, Network Rail

Selected projects

Pall

Pall Corporation is a global leader in high-tech filtration, separation and purification. Microsec joined forces with Pall to develop **QPData, a web-based software program that manages disposable water filter installation and exchange**. Our solution also provides automatic wireless data transmission, storage and traceability, to manage multiple water outlets.

Results

By using our system, Pall has witnessed significant efficiency improvements. For example, **at a major Paris institute the time taken to change filters has been reduced from three technicians over two days to one technician in one day.**

Selected projects

Pall-Ex

Pall-Ex is the pallet shipping network trusted by thousands of customers to ensure safe, swift and certain pallet delivery to destinations across the globe. We were tasked with designing and developing a new experience of the mobile app, one which would aid the drivers in their day-to-day job.

We have implemented numerous technologies such as **GPS information** for optimal routing of vehicles, sophisticated **programmes to calculate precise palletised shipping costs** and **barcode scanning** for accurate recording and tracking of shipments.
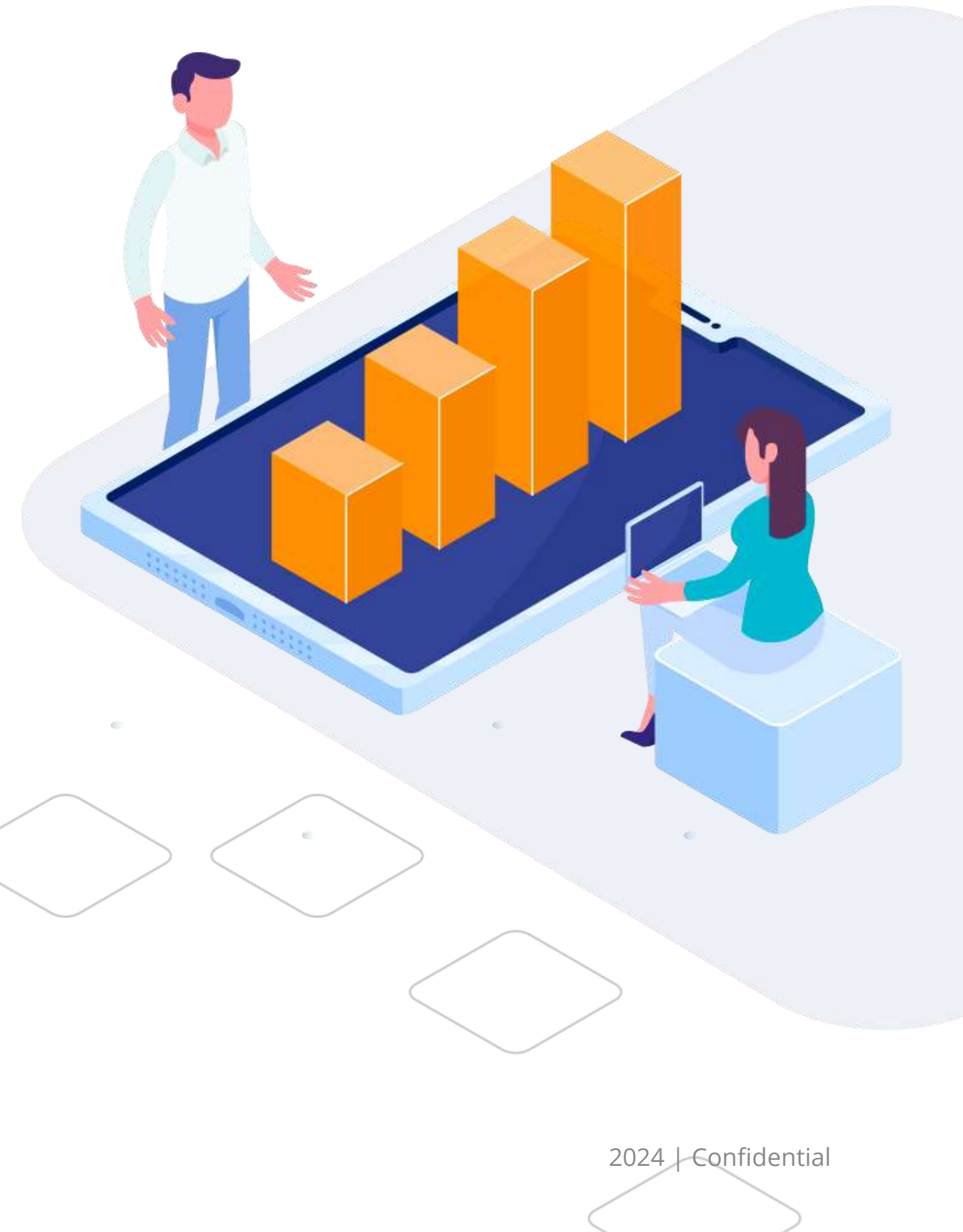
microsec

Start your project conversation

Application and mobile development should be a lot easier. **We can help.**

Contact us

+44 (0)23 9421 7700

info@microsec.co.uk

+8801724802209 (Bangladesh)

razeev.chowdhury@microsec.co.uk