



**Near Field Solutions Ltd**

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"When we decided to include NFC in our products we needed to engage with experts in the technology who had a detailed understanding of how NFC worked. **nfs** provided expert input to our design process and helped us avoid the inevitable pitfalls, enabling us to deliver a right-first-time silicon design."

"We have been working with **nfs** for the last 2 or 3 years and completed several projects and a number of feasibility and evaluation studies, the team at **nfs** have built a strong knowledge in our field and are approachable and helpful and have an interest in ensuring the success of their customer's projects."

# TURNING YOUR IDEAS INTO MARKET LEADING PRODUCTS AND SERVICES

NFC

BLUETOOTH  
SMART

INTERNET OF  
THINGS



09/17



Is your business well placed to take advantage of the connected world?



Do you want to develop smart devices or wearables for the Internet of Things or Smart Home?



Do you have existing products which need to become smart devices to keep up-to-date in the connected world?



Based on many years' experience, **nfs** are genuine global leaders and innovators in the wireless technology industry. Their leading-edge solutions and high-calibre expertise for Near Field Communications (NFC) and Bluetooth Smart Technology for use in Internet of Things (IoT) solutions, ensures new ideas become market leading products and services of the future.

**nfs** work closely with their customers of all sizes to support them with:

- understanding wireless technology
- high-calibre professional advice and innovative solutions to challenging problems
- creating bespoke solutions with their in-depth knowledge and diverse in-house expertise
- delivering against short timescales to enable customers to get products to market quickly

The trustworthy and approachable team at the **nfs** head office in Nottingham bring together diverse, high-quality skills across many disciplines, not just NFC and Bluetooth Smart and for many market sectors including: industrial, medical, domestic appliances and toys and games.

These skills include:

### **ELECTRONICS HARDWARE DESIGN**

The team of engineers has the knowledge and experience to design innovative solutions based on NFC, Bluetooth Smart and other wireless technologies to challenging and often ground-breaking requirements. **nfs** has a proven track record at delivering rapid prototypes allowing the proof of a concept in a short timescale.

### **SOFTWARE DESIGN**

At **nfs** they develop software for embedded systems whether it is on hardware designed by themselves or an existing platform. They use structured design methodologies and have access to a range of development tools.

### **WEB & MOBILE APPLICATION DEVELOPMENT**

Mobile and web applications are a fundamental component of the Internet of Things and most NFC and Bluetooth Smart solutions will include a mobile app or web application.

**nfs** has many years of experience in the development of apps for mobile platforms and the development of cloud based web applications.

### **ANTENNA DESIGN AND MODELLING**

Antenna modelling for NFC, Bluetooth Smart and other wireless technologies can be complex and daunting. At **nfs** they have designed NFC readers for many years and invested a considerable amount of time and effort into understanding how NFC antennas work and how to model them, enabling them to create antennas that work. Today this same expertise is also available for the design of antennas for Bluetooth Smart Technology.

### **nfs CONSULTANCY SERVICES**

**nfs** is also committed to helping clients understand wireless technologies such as NFC and Bluetooth Smart for use in Internet of Things applications and play a key role in advising many leading businesses on technology related issues.

- Global brand owners in the consumer goods sector on the use of NFC for marketing, brand protection and anti-counterfeiting.
- Leading semiconductor companies in wireless healthcare, digital radio and connected audio and on integrating NFC in new ICs being developed.
- Access control companies on the application of Bluetooth Smart to change the way users interact with security products.

If you have a project that could potentially benefit from wireless technology call the team to discuss on **+44 (0)115 922 5479** or email **enqs@usingnfc.com**

[www.usingnfc.com](http://www.usingnfc.com)

**SPECIALISTS IN NFC, BLUETOOTH SMART & INTERNET OF THINGS**