



# Smart Technology Cards

Plastic Card Services and RFID  
Services Personified

A unique company which is recognised as the only company in Europe to provide plastic card services and RFID products exclusively to trade type clients.

Utilising and investing in the latest plastic card and RFID technology to produce the most innovative plastic card and RFID products on the market is important, and we are capable of producing 30,000 plastic cards per hour, giving our clients the confidence that their plastic card orders are delivered on time and to the highest quality.

We are able to perform all plastic card services and RFID services in-house, from design to manufacture, and even fulfilment and mailing should the need arise.

# Plastic Cards

In business, perception is reality. And nothing makes an impression quite like really terrific-looking cards.

We specialise in the design and production of memorable business cards, membership cards, gift cards and more.

Producing only the highest quality plastic cards at the lowest possible cost, and we pride ourselves on our product and production techniques. Our high quality cards are simply one of the best marketing tools with a huge variety of uses from membership, loyalty, business, promotion, gift and discount.

Our team is best placed to offer you our experience and support to aid your scheme to drive maximised sales by using designs, materials and state of the art production techniques which will make your product stand out from the crowd. Whether you are part of a global retail chain, automobile association, manufacturers, health and insurance business, discount store, airline or car rental company we have the experience across not just these but many more sectors too



# RFID Products

The RFID wristband is fast becoming the method of choice for access, payment, & social media integration at many major festivals, events and venues across the world.

## **How does the RFID wristband work?**

The beauty of the RFID wristband is that it needs no batteries, & is instead powered when it is tapped or placed very close to an RFID reader, which reads the passive tag inside the wristband.

## **Main benefits of the RFID wristband:-**

### **Contactless Payment**

The RFID wristband can be linked to a users credit/debit card, enabling them to pay for goods or services with a tap of the wrist. This system benefits both user & organiser as there is no cash to deal with or transport, no cards to lose, & much shorter time spent queuing & paying for goods.

### **Access Control**

Rather than having a traditional ticket or even an E-ticket on your smartphone, the RFID wristband enables a user to enter & exit a venue with ease, which drastically reduces both queuing times, & the need for as many staff to man the entrances.

The RFID wristband also helps to eliminate fraud, & the instant information for the organiser enables them to accurately ascertain attendance figures.



## Social Media

The RFID wristband can be linked to a users social media account, enabling them to share their experience with friends, family, & the world.

The organiser also benefits from this integration as the 'tweets' & 'likes' are creating brand awareness to a global audience.

## Standard RFID wristband

The standard RFID wristband can be made from silicone, PVC, tyvec, paper or polypropylene & is suitable for a multitude of uses such as festivals & concerts, nightclubs & bars, leisure & theme parks, venues & arenas, county shows & fairs, exhibitions & conferences.

The RFID wristbands are available in a variety of styles, sizes & colours & can be embedded with the following chips:-

EM1200, EM4305, TK4100, MIFARE® S50/S70, MIFARE Ultralight® 10, MIFARE® DESFire® 4k, ICODEE2, FM11RF08, GT23SC4430.

## Waterproof RFID wristband

The waterproof RFID wristband is made from silicone & is an irregular card embedded with a contactless chip (LF, HF), which is then encapsulated into the wristband by ultrasonic plastic welding. The wristband is highly waterproof and harsh resistant. The waterproof RFID wristband is widely applied in pools, waterparks, spas and other RFID access control applications where a waterproof wristband is required, & they have a rating of IP67, IP68.

The waterproof RFID wristbands are available in a variety of sizes & colours & can be embedded with 125KHz or 13.35MHz, & the RFID IC's supported are:-

125KHz – EM4200, EM4305, TK4100, T5557.

13.35MHz – MIFARE Classic® 1K/4K, MIFARE Ultralight®, MIFARE® DESFire® 4K, ICODE SLI, Tag-it 2048.



# Personalisation

Plastic cards designed your way.

With our state of the art & high quality digital & 'drop on demand' digital printing facilities, we are able to personalise your plastic cards whatever your requirements. Logos, text colour panels and bar codes can all be personalised & are stringently managed by us to ensure your plastic cards are of the highest quality.

We can also offer flexibility on small run dye-sublimation, re-transfer plastic card personalisation with the ability of encoding and a comprehensive range of chip technologies. Amongst these processes a range of NBS and DataCard thermal and embossing systems including secure scratch off labelling allows for maximum plastic card individuality for customer, company, & brand recognition.

**We can offer all plastic card personalisation services including:-**

- Photo ID Printing
- Drop On Demand
- Thermal Printing
- Embossing
- Mag Stripe Encoding
- Chip Encoding





# Mailing and Fulfilment

Plastic card fulfilment, mailing, storage and distribution.

However diverse & complex your fulfilment requirements are, our use of electronic information management combined with the physical logistics of handling your plastic card order will ensure your plastic cards will be where you want, when you want.

We understand how important it is for you to be one step ahead of the competition, & with our on demand print & card production facilities we can do just that, whilst always ensuring the quality of your plastic cards is consistent & first class.

## **Transactional Mail**

If you are looking for transactional mail requirements, look no further. With our latest HP mono & colour sheet laser printers we can personalise the graphics & text individually, after which we can apply a lamination film to ensure your plastic cards longevity.

## **Fulfilment**

From pick and pack through to customised projects, we offer solutions for all your collateral, sample and product fulfilment requirements. Plastic cards can easily be inserted into envelopes, attached to a carrier or inserted into a brochure, with additional letters or inserts printed and added as required. Fulfilment can be either automated or manual, according to your needs.

For some of our largest clients, we are managing some very complex fulfilment requirements, so no matter how large or small your requirements are, we are here to help & assist with our knowledge & expertise.

## Storage & Distribution

We understand the storage constraints of businesses worldwide, which is why we are fully equipped to provide secure storage facilities for your plastic card products, combined with excellent distribution services of your plastic cards, in single or multiple drops, to one or many locations.

## Services Offered

We can offer the following for all of your plastic card projects:-

- Data Processing
- Mail Sort
- Laser Printing
- Digital Printing
- Card Match Mounting & Verification
- Folding & Finishing
- Enclosing
- Flow Wrapping
- Shrink Wrapping



# Our Clients Love Us

STC have successfully helped build card related campaigns for some of the largest brands in the world.

In most cases these are typically managed through third parties such as Facility and Print Management business but increasingly often also via System Integrators.

By structuring sales through these channels STC are able to maintain the most competitive pricing model.

Butlin's

RAC



Department  
for Transport



next



NHS



Capital One



sky MOVIES



Nintendo



MATALAN



Superdrug

Ladbrokes

amazon



# Services

Producing in excess of 75 million cards annually with the capacity to handle over 175 million, manufacturing and personalisation routines are managed on site from art-working to proofing through to plastic card personalisation and fulfilment, thus guaranteeing accuracy and integrity in reporting to our clients.

We are unique in that we are the only manufacturing company to exclusively supply plastic card products & services to the trade worldwide. This offering combines over 20 years of experience in global plastic card related technologies which ensures both the integrity of the product and our customer service is second to none.

We operate one of the most specialised plastic card processing and fulfilment facilities from our head office & production facility in Sittingbourne, Kent. Our expertise lies in the heavily specialised manufacture, personalisation, and mailing of plastic cards and all aspects of fulfilment. Operating a policy of constant investment in the latest state of the art technology to maintain our leading position in the competitive card market, we can deliver everything you need in a plastic card.

Our product is consistently used within the UK, Europe and Worldwide. Experience of individual European national requirements, as well as EU trading directives, endorses our capability as a major player at all levels of plastic card technology, manufacture and distribution.



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