



Credit Card payment with Pay and Display



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Credit Card with Pay and Display

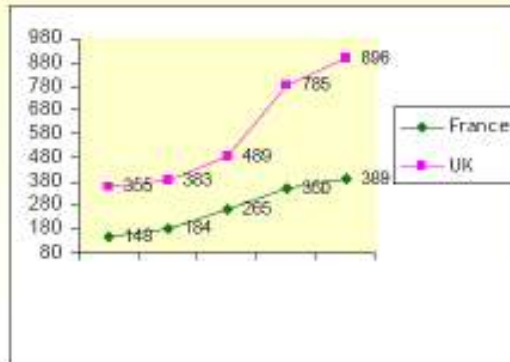
With the rise of tariff rates in busy city areas, rail parking, or long stay, credit card payment at Pay and Display terminals is becoming an ever more popular and convenient method of payment with the general public.



P&D Credit Card usage

Parkeon trend with credit card connections during 2007

The UK & France, (the two largest markets in Europe for Chip & PIN payment) are experiencing a very rapid growth in credit card payment using Chip & PIN



Credit Card Payment - Advantages



- An addition to coin payment
- More options to pay
- Less risk of fraud or theft from terminals
- Reduces collection frequency and cost



Credit Card - Customer experience



Credit card with coin payment is currently in operation across Europe. UK customers such as NCP (especially railway parking - 80% of payments), Westminster, Brighton & Southampton are using credit card.

Westminster carried out an evaluation with Chip & PIN payment during 2006.

Ratio of payment methods analysed at Westminster was 1/3 payment made with coin, 1/3 by credit card and 1/3 with virtual phone parking.



Credit Card - Customer experience



- Westminster has now taken the step to go to 'Cashless parking'
- Some 300 Parkeon 'Cashless' or Credit Card only P&D terminals are being deployed by Westminster
- Benefits identified as higher security and lower operating costs





Credit Card – The future



- Credit card issuers and banks are adopting a 'contactless' extension to payment
- Credit card payment will be even easier, with just a wave of the credit card over the P&D contactless symbol
- A Chip & PIN transaction will still be required for payments over a certain value threshold or when the card dictates



Contactless Growth

Estimates suggest that more than 5m contactless cards (inc 1m through Barclays) will be issued by the end of 2008 of which at least 100,000 will be accepted by retailers and other outlets.

More than 20bn payments, worth less than £10, with a total value of approximately £200bn, are made in the UK each year





Contactless Growth

Participating retailers include McDonalds, Eat, Coffee Republic, Yo!Sushi, Krispy Kreme, Books Etc, Threshers and the Science Museum. Further announcements about participating retailers are expected soon.

The major banks supporting the 'first phase rollout are: Bank of Scotland, Barclaycard, Citi, Halifax, HSBC, Lloyds TSB and Royal Bank of Scotland Group.

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12/11/2007



Credit Card – P&D Requirements



- Chip & PIN payments are verified online via GPRS to the payment service provider
- Addition of Chip & PIN transactions should not compromise the autonomy of solar powered terminals
- Ease of upgrade to accommodate emerging credit card standards and new payment methods e.g. Contactless Credit Card

