

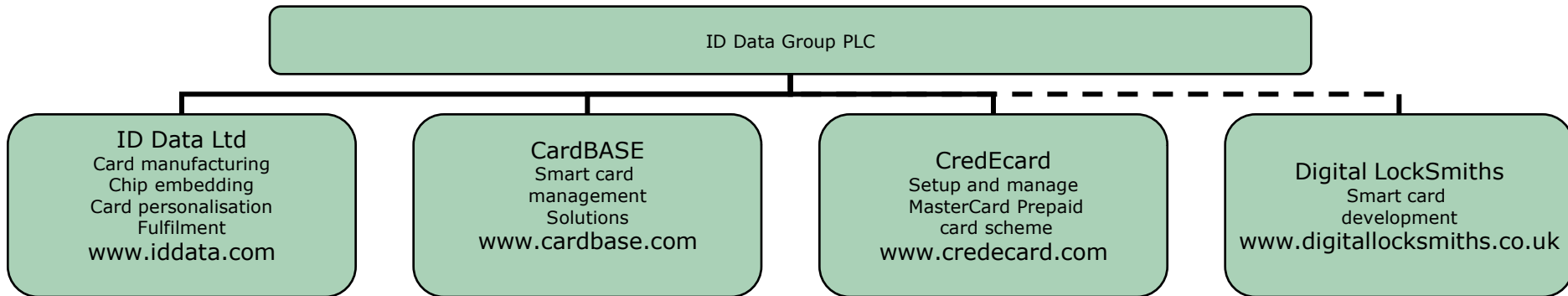
# ID Data, Card solution provider



**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# ID Data's Total Solution



**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# Secure Facility - Petersfield



- Custom built to our specifications
- 24hr electronic security
- APACS, Visa, MasterCard, American Express and Diners Club approved security (Cost £2m)
- External & internal CCTV
- Secure storage area
- Controlled access

- Card personalisation and fulfilment
- Cryptography and Key Management
- Card Issuing solutions
- EMV Chip supply

**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# Core business areas

- **Banking** – supply Credit, Debit, PrePay and Contactless payment cards
- **Retail** – Card and keyfob production and fulfilment services for leading retailers.
- **Hospitality** – One of the largest provider of the hotel key cards in Europe
- **Public Sector** – National and local government projects, EMV smart cards to the public sector, Student ID cards

  
**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# Multos options

- Keycorp Step/one
  - Entry level SDA EMV contact cards
  - Mchip 2, Mchip 4,
  - Biometric on card
- Keycorp I4E
  - DDA EMV contact card
  - Biometric match on card
  - Loyalty on card
- Keycorp I4F
  - CDA / DDA EMV
  - Fast Dual interface EMV transactions
  - Mifare emulation
  - Biometric match on card
  - Loyalty on card



**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



- EMV Setup steps can be completed in as little as 4 weeks.
  - Register issuer
  - Establish ZMK, EMV keys, EMV profiles
  - Generate ALU template using CU/MACU tool
  - Configure Thales P3
  - Register application with KMA
  - Request ALC and ADC from KMA
  - Request MSM controls data from KMA
  - Personalise test cards
  - Submit test cards to payment scheme for validation

# Consultancy

- Application development
  - E passports
  - National ID
  - Multos applications
  - EMV solutions
  - ITSO
- EMV Migration support
  - Magstripe
  - Mchip 2
  - Mchip 4
  - PayPass
- Card management systems



**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# High Quality Card production

- Range of substrates
  - PVC
  - PETG
  - PLA
  - Poly Carbonate
  - Teslin
- Range of print options
  - Litho
  - Screen
  - Digital

**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# Card personalisation

- Flexible high capacity personalisation Platform
  - Embossing
  - Thermal print
  - Contact, contactless and dual interface encoding
- Flexible fulfilment options



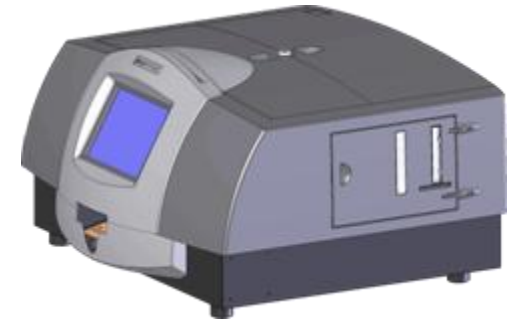
**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# Future developments

- Instant EMV card Issuance
- Secure packaging

**MAGTEK**

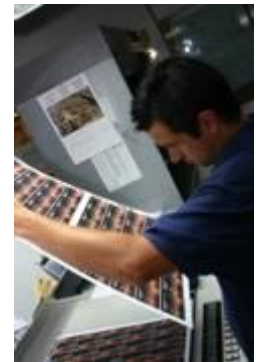


**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# MasterCard London Launch PayPass cards

- Prepaid card
- Launched 8<sup>th</sup> September 2007
- Dual interface



  
**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# Fashion rocks PayPass cards

- Held at Royal Albert Hall
- Card Preloaded with £10
- Given to invited guests
- PayPass enabled Bar



**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# The Brit awards

- Everyone attending given a card
- £10 preloaded
- Bars and kiosks PayPass enabled



MasterCard is proud sponsor of

**The BRIT Awards 2008**



**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London



# Thank you

John Cooke

Business Development Director

ID Data Ltd

tel: 01730 235700

email: john.cooke@iddata.com

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

  
**Celebrating 10 Years of MULTOS**  
on 4th March 2008, London

