



# **One Year Forward - A Review and a New Roll Out – Identification Made in and for Germany**

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Seventh Symposium and Exhibition on MRTDs, Biometrics and Security Standards

ICAO Headquarters - Montréal, Canada

13th September 2011 - Duncan Faulkner

## **Overview:**

The success of the German electronic ID card and introduction of the new electronic residence permit in Germany

▶ Company Profile

▶ The German eID Card – One Year On

▶ Synergies for Success

▶ Introduction of the New eResidence Permit

# Corporate Structure



## Sales:

- ▶ In 2010, the Bundesdruckerei Group generated sales of around EUR 351 million
- ▶ ID documents and systems accounted for approximately 80 % of turnover

## Production 2010:

- ▶ 10.8 million ID Cards
- ▶ 6.4 million Passports
- ▶ 3.5 million EU Driving Licences

## Customers & Services:

- ▶ The Bundesdruckerei reference project for the Federal Republic of Germany and its 82 million citizens includes around 6,850 registration offices equipped with over 20,000 data acquisition workstations. The Bundesdruckerei is responsible for the complete roll-out and maintenance of the infrastructure for the digital application systems installed.

## Staff:

- ▶ The Bundesdruckerei employs a staff of about 2,000 worldwide

## **Passport and ePassport projects:**

- ▶ Germany, Albania, Bosnia & Herzegovina, China, Cyprus, Latvia, Lithuania, Luxembourg, Romania, United Arab Emirates, United Kingdom, Venezuela

## **ID and eID projects:**

- ▶ Germany, Lithuania, Romania, Slovak Republic, Venezuela

## **Driving Licence projects:**

- ▶ Germany, Iceland, Lithuania, Portugal, Slovak Republic, Ukraine

## **Selection of other projects:**

- ▶ Banknotes for Germany, the EU, Perú and Venezuela amongst others
- ▶ EU visa systems, UK Tachograph cards

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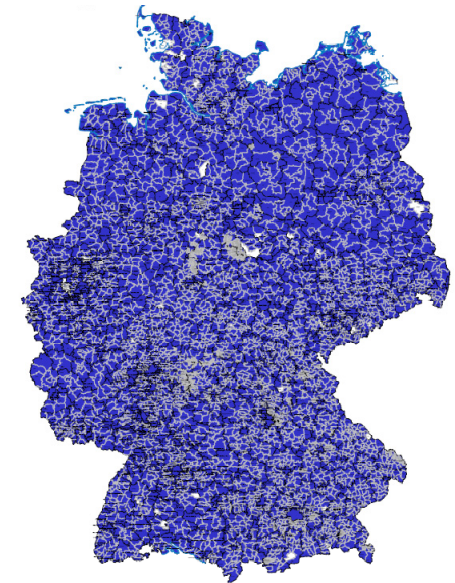
▶ Introduction of the New eResidence Permit

# The German ID Card – One Year On

- ▶ Roll out of production and personalisation in Berlin – started 1st November 2010
- ▶ To date over 7 million ID Cards have been issued
- ▶ Optical and electronic identification is possible with the ID card
- ▶ Implementation of enrolment and issuance hardware and software including service and support to over 6,500 offices country wide

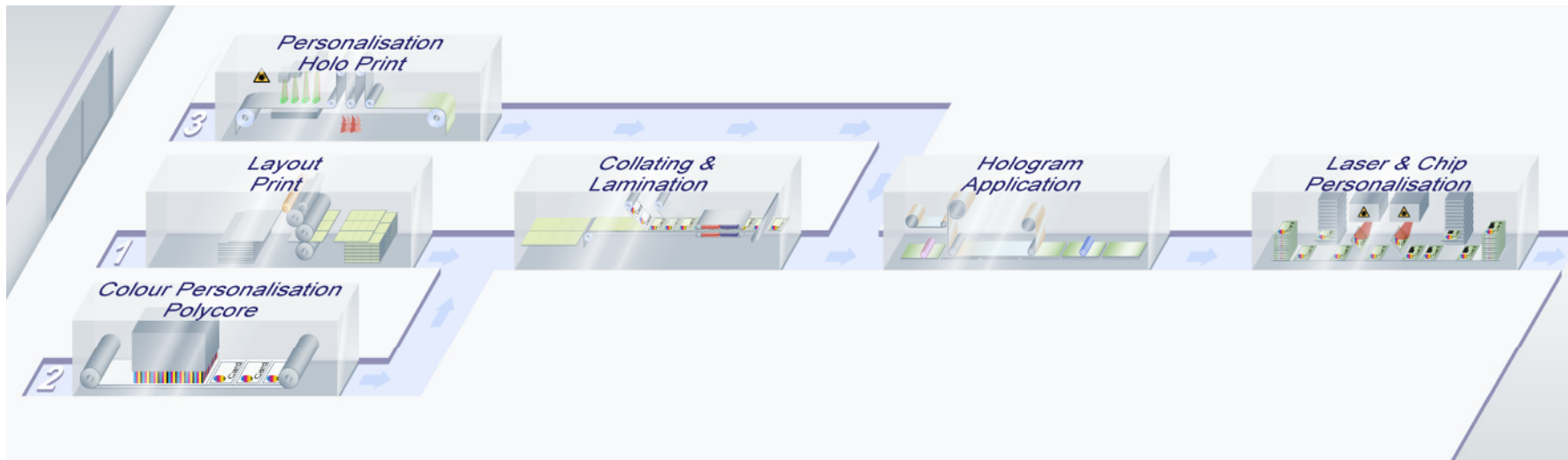
**1.11.2010**  
**6.7% of offices**  
**with applications**

**29.11.2010**  
**98.1% of offices**  
**with applications**



# The German ID Card – One Year On

- ▶ Fully integrated and scalable solution for card production at one facility
- ▶ Real continuous just-in-time production with highest throughput and yield



- ▶ New production facility – moving from ID2 to ID1 format
- ▶ Continuing the security concept of personalisation in the card body
- ▶ In-line production of materials from web, sheet and roll



# The German ID Card – One Year On



- ▶ Polycarbonate card body
- ▶ Primary Image via Innosec® Fusion – colour picture inside the card on the front
- ▶ Secondary Images with Identigram® on front and CLI laser engraved picture on reverse
- ▶ Integrated contact less chip with EAC & PACE



▶ Rainbow printing



▶ Micro lettering



▶ Optically varying ink

▶ UV overprint

▶ Identigram®

▶ Tactile engraving



▶ Rainbow printing



▶ Micro lettering



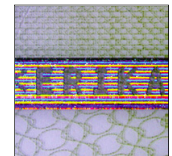
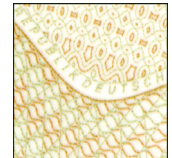
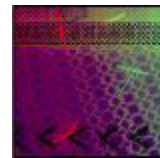
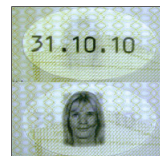
▶ Changeable laser image

▶ Surface embossing



▶ Melier fibres

▶ Personalised OVD thread



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- ▶ Motivated and well trained workforce
- ▶ Close and positive relationship with our customer – the German Interior Ministry, BKA, BSI
- ▶ Focused and visionary management and leadership
- ▶ Thinking ahead for future government and citizens needs
- ▶ Creating a state of the art production concept for the next generation – production line and facilities are portable for the new electronic residence permit and other security documents
- ▶ Keeping ahead of the counterfeiter and forger with new innovative technologies
- ▶ Continuation of supplying the German government with centrally produced and personalised documents and system solutions in the field

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# Introduction of the New eResidence Permit

- ▶ Rolled out from 1st September 2011
- ▶ Over 600 new registration centres through out Germany were updated
- ▶ Conforms to ICAO & EU standards
- ▶ Combines different personalisation methods for primary and secondary images
- ▶ Includes cutting edge security features at all three levels
- ▶ BAC / EAC / PACE enabled
- ▶ Secures the identity of Germany's' guests



# Introduction of the New eResidence Permit



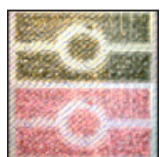
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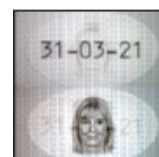
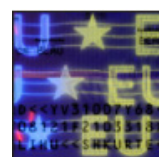
- ▶ Rainbow printing
- ▶ Micro lettering



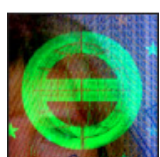
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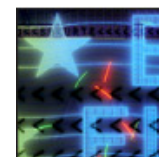
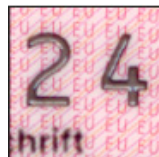
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- ▶ Surface embossing



- ▶ Identigram®
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**Thank you for your attention –  
it was our pleasure to be able to present to you.**