



VERIDOS

IDENTITY SOLUTIONS

by Giesecke+Devrient
and Bundesdruckerei

Personalized ID production on-demand

**A solution for innovative high volume ID and passport
production technology**

Thomas Harenberg

Why you should keep listening

Unbeatable experience
in customized ID factory
solutions

Supplier of unique cost-
effective centralised
production system

Revolutionary system in Germany

Provided by Veridos's parent company BDR



New central production in a highly protected security environment

In-line production with high automation and combined card body lamination and personalization process

Zero stock production (no blank documents)

Bundesdruckerei Production System

Most advanced in-line PC ID card facility



Basic Solution
b/w Personalisation
Laser Personalised eCard



Colour Integration
b/w & Colour Personalisation
Laser + Colour Personalised eCard

POLYCORE[®] puts colors into identity

Key aspect of advanced production line

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**Clear trend towards
ID color picture in Africa**

**POLYCORE[®] is a world wide unique and extremely cost effective technology
for colour personalisation of polycarbonate security documents**

PC based ink diffusion with PC foil:

delivers enhanced security in outstanding colour brilliance



Mani-pulation resistant:

no separation of card layers possible without destruction of card



Complete printing system:

5+ colors, 720 dpi resolution, 500 - 1,000 cards per hour



Very efficient solution:

highest precision and low ink consumption printing



Customized options:

individual inks and hidden security features

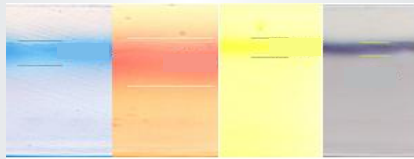


Security elements – such as facial image or serial number – are integrated and displayed in outstanding colour brilliance for the first time ever

Continuous
reel

Card format





- Personalisation of the inner layer
- Varying degrees of ink penetration

Extremely secure integration of multi-colour data directly into the core of the card with flexible print process control



- Combination with other foils to form document



- Optional integration of hidden security features

And the best thing...
No need for complex, large-scale production



ME 6000

ME 12000

Why should governments in Africa strive for own ID production



Fully independent ID production



National capacity building



Enhanced security

Benefit from Veridos's unique experience as you produce your own IDs



UNIQUE EXPERIENCE THROUGH STATE-OF-THE-ART PRODUCTION FACILITIES AROUND THE WORLD

Come and visit us to learn more!

