Shaping the Identification Future
The African Challenge

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Agenda

• Introduction to Veridos
• The challenges
• The paradigm shift
• The opportunities
• African perspective for the future
• Key project
Introduction to Veridos – our Offer
Africa’s economic output
(GDP, US$b)

- 2000-2012 Africa Economy Tripled
- Trend expected to continue

Source: IMF World Economic Outlook Database; EY analysis.
The Challenges

- Per capita Income (PPP) comparison – 2013
  - Oceana USD 31,000
  - Europe USD 29,000
  - The America’s USD 27,000
  - Asia USD 9,000
  - Africa USD 3,200

- How can we transfer growth into wealth
- Countries with budgets connected to the oil price
- Real requirements of the private sector to avoid fraud, double identities…
- The Infrastructure Challenge - Everybody has a mobile but no secure ID Card
  Today almost all African farmer owns mobile phone. In Ethiopia alone 30 Million mobile phones

Source:
- CIA - The World Factbook
- Worldbank - World Development Indicators
The Opportunities

Can the trends be converted into Innovative Identification Solutions?

- Should we think identity token other than cards?
- Could the future African Identification be based on card and mobile phone?
- Does a citizen have the incentive to carry or apply for identification card?

<table>
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<tr>
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<th>Card based ID</th>
<th>Mobile based ID</th>
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<tbody>
<tr>
<td><strong>Advantages</strong></td>
<td>• Off the shelf technology</td>
<td>• Incentive to own mobile</td>
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<td></td>
<td>• Proven world wide</td>
<td>• Ubiquitous availability of mobile network</td>
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<td></td>
<td>• Standards available</td>
<td>• Secure technologies available</td>
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<td><strong>Disadvantages</strong></td>
<td>• No incentive for carrying ID card</td>
<td>• Requires new standards</td>
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<td>• Not widely distributed</td>
<td>• Not proven technology</td>
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The African Perspective for the Future

- Knowhow-Transfer as one of the key requirements
  - To become partially independent and a real owner
- Financing
  - Current issue – Countries with budgets connected to the oil price
- Mobile telephone based ID solution offers an alternative or complementary
  - Universal availability and the incentive to own mobile phone
  - Mobile network widely available
- Local production
  - To set up a local production in the country
  - Invest into the country
  - To decrease the number of unemployed citizens
The vision of the IRAQI Government

Unified Proof of Identity

Gate opening to transform Public and support Private Services

Turnkey Security leading to a safer Iraq
… and the Strategy to make this vision come true

**ENABLER**
- Know-How Transfer
- Training
- Support and Helpdesk

**BUILDING BLOCKS**
- National Register supporting Biometric Verification
- Country-wide distribution of fully-equipped Offices
- Decentralized Personalization capability
- Utmost secure National ID Card

**FOUNDATION**
- IT Infrastructure / Communication
- Local production of secure governmental documents
Thank you for your attention!