27th March 2015

Welcome to the World Bank & Countries Delegation

From Zetes:
R. Depoortere
J. Mignon
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& team
1. Welcome – Zetes at a glance
2. The Belgian e-ID & e-passport processes
3. Factory Visit
4. Q & A

Cold Buffet lunch around 13h00
Our core competence:
Linking the physical with the digital world
Close to 30 years of growth
Direct presence in 20 countries in EMEA
+ 1100 FTE
Zetes Milestones

- **FIRST PAN-EUROPEAN EXPANSION**
  - 1984: Foundation
  - 2001: KICK-OFF GOODS ID
  - 2002: KICK-OFF PEOPLE ID

- **GEOGRAPHICAL EXPANSION**
  - 2004: IPO Euronext Brussels
  - 2005: Portuguese eID
  - 2006: Biometric passport Côte d’Ivoire
  - 2007: Israeli eID
  - 2008: Belgian driving licence, focus on 6 core solutions

- **SOLUTIONS FOCUS**
  - 2009: Collaborative supply chain solutions
  - 2010: MCL Mobility Platform
  - 2011: Uganda Biometric Registration ID
  - 2013: Belgian ePassport, Biometric Visa Senegal
  - 2014: TECHNOLOGICAL EXPANSION

## Solid Financial Results

In € ‘000

<table>
<thead>
<tr>
<th>Operating situation</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
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<tbody>
<tr>
<td>Sales</td>
<td>214,126</td>
<td>211,472</td>
<td>245,270</td>
</tr>
<tr>
<td>Gross margin</td>
<td>93,699</td>
<td>91,446</td>
<td>103,579</td>
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Traceability solutions improving

- Efficiency
- Quality
- Visibility

Meeting the needs of

- Consumers
- Industry SC managers
- Society
Goods ID
Customers

References in Manufacturing

References in Warehousing
Goods ID
Customers

References in Transport & Logistics

References in Retail
Our core People ID competences

- Experienced System Integrator for turn-key ID solutions
- More than 30 active large-scale contracts implemented
- More than 75 Mi citizens successfully biometrically registered
- No bias towards any vendor or vendor specific technology
People ID – Enrolment

- Application – online or offline
- Live enrolment – the key to secure document production

Mobile stations

Fixed stations
Biometric Data Capture

- Fingerprints
- Iris scanning
- Picture
- Signature
Enrolment
Mobile Enrolment Kits
Mobile Enrolment Kit
How it works in the field …
People ID – Centralization (duplicates)
People ID – Documents

- Centralised
  - Security
  - Less expensive
  - Logistics, urgent issuance procedure

- Decentralised
  - Lower security
  - Blank movement, audit trail, staff audit
  - Equipment, staff costs
  - Faster
The e-Voting solution

Chip card

Smart ballot box

Printed ballot

Internet
The e-Voting solution – short movie
Voter verification
Some key references

- **Belgium**: 
  - e-ID, Foreigner’s ID, Kids-ID
  - Social Security Card (SIS)
  - Multi-platform middleware
  - E-passport
  - Driving License

- **Portugal**: 
  - e-ID middleware
  - Helpdesk & support

- **Côte d’Ivoire**: 
  - e-passport & diplo-passport
  - Bio-visa & consular card

- **Senegal bio-visa & border control**

- **Gambia e-passport**

- **Uganda Biometric Registration ID**
Some Key References (2)

- Côte d’Ivoire – passport Register
- Cabo Verde – voter’s enrolment
- RDC – Voter’s bio-enrolment
- RDC – Military Card
- Angola – accredited election people enrolment
- Togo Voter’s bio – enrolment
- Burundi – civil servant card & military card
- Gabon Bio – enrolment for health card
- Bénin – AFIS system
- Sierra Leone – AFIS contract + voters cards
- Tchad – military census
- …
People ID – Customers

Governments and institutions

- Côte d’Ivoire
- Burundi
- RDC
- Togo
- Portugal
- Tchad
- Israel
- Cabo Verde
- Belgium
- Gabon
- Angola
- Sierra Leone
- Guinea
- EU
- Senegal
- Republic of Gambia
- Uganda

Private organisations

- DKV
- sodexo
- colruyt
- ASSURCARD
- VINCI
- mobistar
- UCL
- Tech Data
- Isabel
- ULB
- IOM • OIM
People ID – Why Zetes?

- Proven track record in PPP/BOT
- We make it work
- Ensuring optimal security
  - Data protection is very important for identity document and travel document
    - personal data
    - biometric data
    - cryptographic data
  - ISO27001 certification for production of ID cards and passports
Build–Operate–Transfer (BOT)

- All investment in HW, SW and services are carried by ZETES
- Pay back during contract duration (usually 5–10 or even 15 years)
- Payment per e-document issued, per match, per entry, per citizen
- Important ZETES investment (capex & opex) depending on project size
People ID – Business Models

- BOT advantages
  - No upfront investment by the customer
  - Only commitment needed on document volumes
  - Long-term relationship with Zetes in-country
  - Transfer of know-how and local employment in the country – partnerships with local companies in the country
Agenda

1. Welcome – Zetes at a glance

2. The BE e-ID & e-passport processes

3. Factory Visit

4. Q & A
Case Study : Belgium eID

- All 589 municipalities active
- >10,000 cards produced per day
- > 1,500 card deliveries per week
- > 22 million cards distributed to date
- Third cycle renewal started in 2013

- Laser-engraved Polycarbonate Card
- Co-processor Contact Smart Chip
- PKI certificates (Personal Key)
- Authentication, Digital Signature
Deliverables Zetes

- Project Coordination
- Production & personalisation:
  - e-ID & middleware (e-government)
  - Kids – ID
  - Foreigner’s e-ID
- e-ID readers & support
- Secure Transport
Types of eID’s

- Belgian citizen >12 years
- Children <12 years
- Foreign residents
Production cycle of the Belgian ID card

1. Municipality
2. National Register
3. Certificate-Authority
4. Card producer
5. PIN - PUK Codes
6. Citizen
Agenda

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3. Guided Factory Visit

4. Q & A
Inauguration of Belgian ePassport Personalisation site

Minister of Foreign Affairs – Didier Reynders
E–ID Card Production Part

- Polycarbonate sheets composition
- Spreading securities over the sheets
- Lamination of the sheets
- Sheet cutting
ID Card Embedding & Personalisation

- Put dubbelsided glue on modules
- Module embedding in the card body
- Personalisation:
  - Graphical
  - Electrical
- PIN/PUK code generation
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Questions?
More information?

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