Who we are…

1997 Foundation

Head Quarters
• Nairobi, Kenya

Global Delivery Centre
• Kenya, India and Nigeria

1600 Employee Strength
24 Geo Presence (countries)
300+ Projects Executed
11 Projects, Own IP

BUSINESS UNITS
IT Solutions, BPO, Education and Training

QUALITY PROCESS
SEI CMMI LEVEL 3
ISO 9001:2008

UNIQUE SOLUTIONS
70

Who we are…

CIO 2013 Top 100 Companies in East Africa Award
Only East African Fastest growing IT Company
Entrepreneur Of The Year 2014
Top 100 Mid-Sized Companies
Part of Microsoft’s CityNext Initiative
Named into 2014 Microsoft Dynamics President’s Club
SecuRegister, Techno Brain’s Identity Management Solution Platform, is a multi-modal, device and algorithm independent, biometric software platform.

- **Passport Issuance**
  - Govt. of Tanzania,
  - Govt. of Malawi

- **Social Security Cards**
  - National Social Security Fund, Tanzania
  - Zanzibar Social Security Fund

- **Civil Registration**
  - Govt. of Ethiopia

- **Driver’s License**
  - Govt. of Ethiopia

- **Biometric Payroll Audit** – Govt. of Swaziland

- **Field Registration System, Innovations for Poverty Action, Malawi**

- **Financial Services Cards** – Bank of Uganda

- **Border Control System, Govt. of Malawi**

- **Biometric Matching Service** – National Microfinance Bank, Tanzania
Paradigm Shift - Biometric Growth on fast track mode with Mobile technology

**Past**
- Biometrics was in Controlled Environment
- People go for biometric registrations
- Required huge infrastructure
- Fixed stations for Registrations and Verifications
- Less usage

**Current**
- Shifted to Uncontrolled Environment
- Biometrics reach people
- Requires minimal infrastructure
- Remote Registrations & Verifications
- Widespread adoption
Mobile Devices turned into Biometric Scanning Machines

- Inbuilt powerful scanning tools
- Data incompliance with Biometric Standards
- Why Mobile Biometrics
  - Easy to Deploy
  - Intuitive for operating
  - Less Infrastructure cost
  - Wide range of uses of the biometric applications
  - Enables access to interior populations
3 million (and counting) registrations

2,500 mobile device deployment

6 countries

4 languages

15+ application/usage scenarios

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Case study – Registration of 500,000 small-holder farmers (Financial Inclusion Program)

150 mobile units
4 months
Challenges

• Network Connectivity issues
• Physically security of the hand held device
• Protection of Biometric data on the device
• Secure Data transmission
• Durability

• Lack of Sequencing while capturing fingerprints thus more complexity in matching
• Less storage capacity
• Unreliability of power connection/Battery life of the device
• Less quality capture of biometric information e.g. the facial photograph is not of high quality (low resolution)
• Less computing power of the hardware
• Extreme weather conditions
SecurTab device

- GPS
- Wi-Fi
- Card Reader
- ANSI/ISO Certified Fingerprint Scanner
- Barcode Scanning
- Touch screen
- Secure SD Card
- SIM Card
- Upto 8hrs of usage
Holy Grail – Enrollment As a Service

Commercially available devices
Thank You...

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