Insight #1

Mobile Healthcare is LIVE

After years of announcements, mHealthCare services are finally coming...
2 questions regarding mHealthCare must be raised

Which services?

How to identify?

If mobile services are the extension of e-services, mobile authentication is a whole new challenge.

Insight #2
mHealthCare relies on Identification.
Insight #3

Biometrics are no more an option but a MUST

Picking a biometric method is not only about performance but also ease for enrolment, use & control.

- Fingerprints
- Face
- Iris
- Speaker

Graph showing biometric sensors in smartphones:
- 40% in 2017
- 100% in 2020

Source: Acuity Market Intelligence’s 2017
Silicon Valley overflows the world with “geeky” health Apps …

…that lack pragmatism for country-wide deployment

The mHealthCare vision

$1,000+
Smart phone

4G Everywhere

NFC enable environment

mHealth for Africa?
The status in Africa

An exciting but contrasted environment

1. Devices
   - Feature vs Smart
     - Up to 90% mobile adoption
     - Only 10% smartphone adoption (average)

2. Infrastructure
   - Data coverage
     - 4x Africans have access to a mobile vs land line
     - 1% of 4G connections are located in Africa

3. mServices
   - and mobile control solutions
     - Many advanced SMS-based services:
       - mPesa
       - mPassport
       - ...
     - mServices > eServices
Enrollment and “3T” approach: register citizens once for good...

...and mutualize the effort as a service for others

mHealthCare
what to consider?

1. Enrollment

**Type**
- Face-to-Face enrolment
- Remote / mobile enrolment
- Federated identity

**Target**
- Primary User
  - or
- Dependent beneficiaries

**Tech**
- Fingerprints vs Face vs Speaker vs …
- Templates interoperability
Unlike physical ID, the lifecycle of multiple mHC identities must be managed.

Reliable governance, automatized workflows and risk management are the key.

2. Identities Management

mHealthCare what to consider?
Making a “Fail-Safe” mobile HealthCare platform

What if …

No Data
- Full offline solution
- Risk management

No Smartphone
- Multi-Factor Authentication
  - Beacons
  - Speaker Recognition

No Biometrics
- Context-base authentication
  - Smartcards

Degraded scenarios are often skipped but remains ‘sweet spots’ for attackers

mHealthCare what to consider?

3. Fail-safe
HID delivers goID™ as an empowering solution for mGov strategies

1. 100% usable **offline**
2. Flexible implementation
3. Field proven
4. Holder & Officer
Conclusion and Take-aways

Identification on a mobile is key but not trivial
mHC platform design shall include degraded mode
Think about the foundations before the services

Come to discuss with us about mHC & mID and discover our solutions
Booth # I1
Powering the trusted identities of the world’s people, places & things