

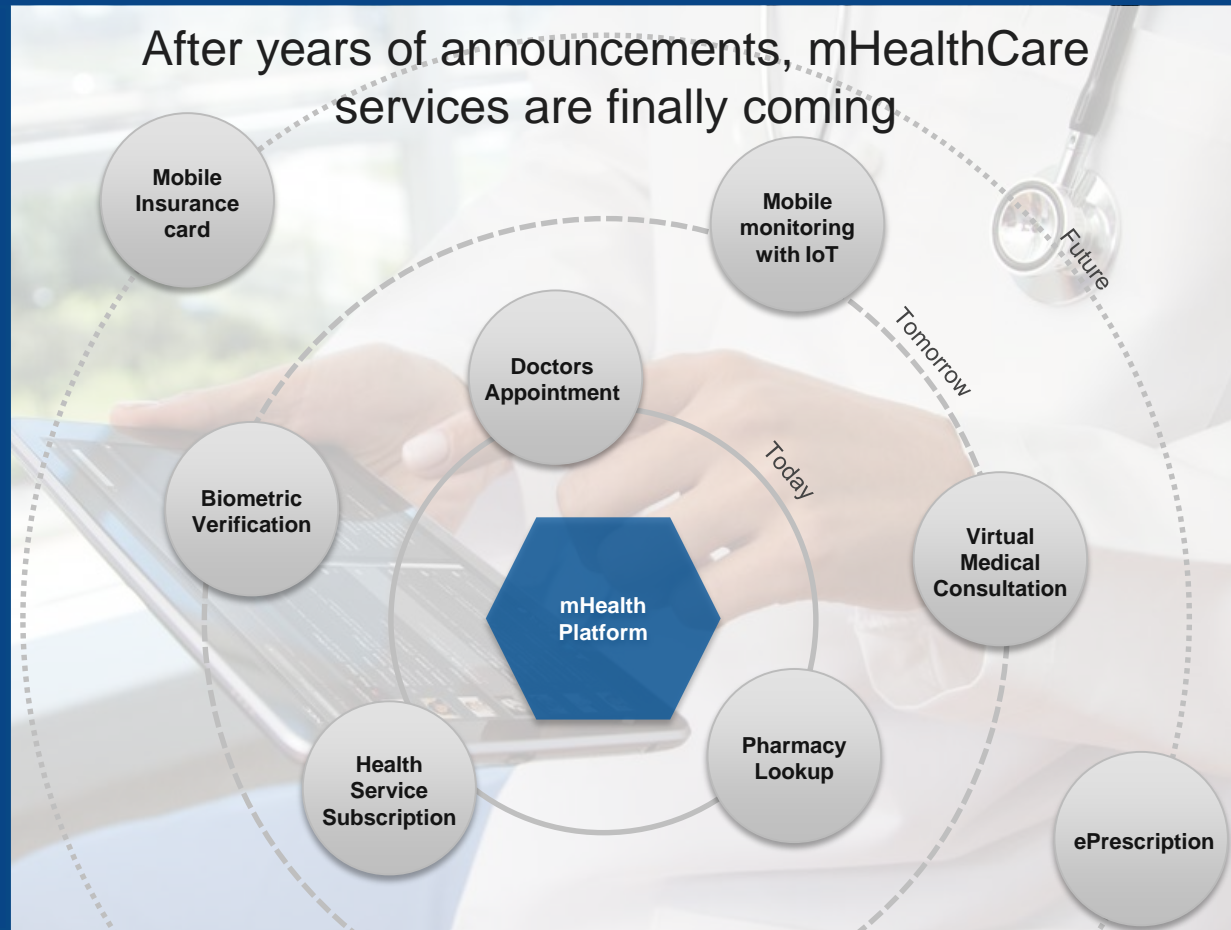
*Powering the trusted identities of  
the world's people, places & things*

# Mobile as a Platform for eHealth

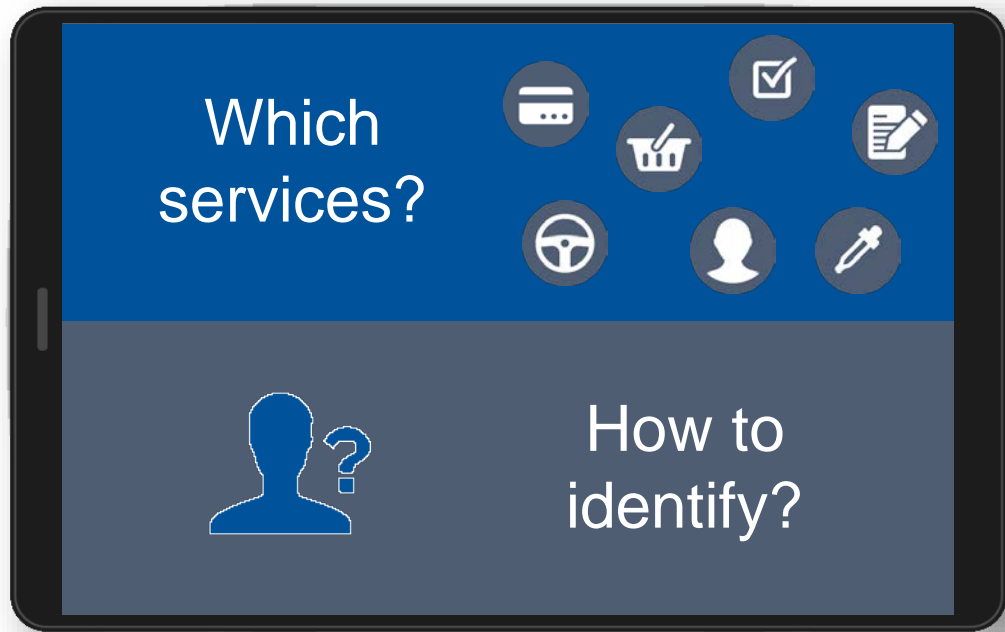
Jacques Besançon - HID Global Citizen Identity Solutions  
ID4AFRICA 2018 - ABUJA

# Insight #1

# Mobile Healthcare is LIVE



2 questions regarding  
mHealthCare must be raised



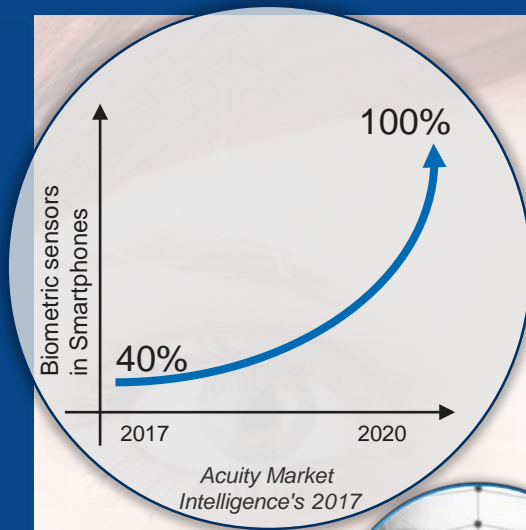
If mobile services are the extension of e-services, mobile authentication is a whole new challenge.

Insight #2

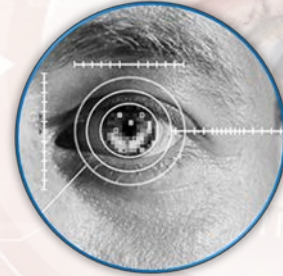
mHealthCare  
relies on  
Identification

# Insight #3

## Biometrics are no more an option but a MUST

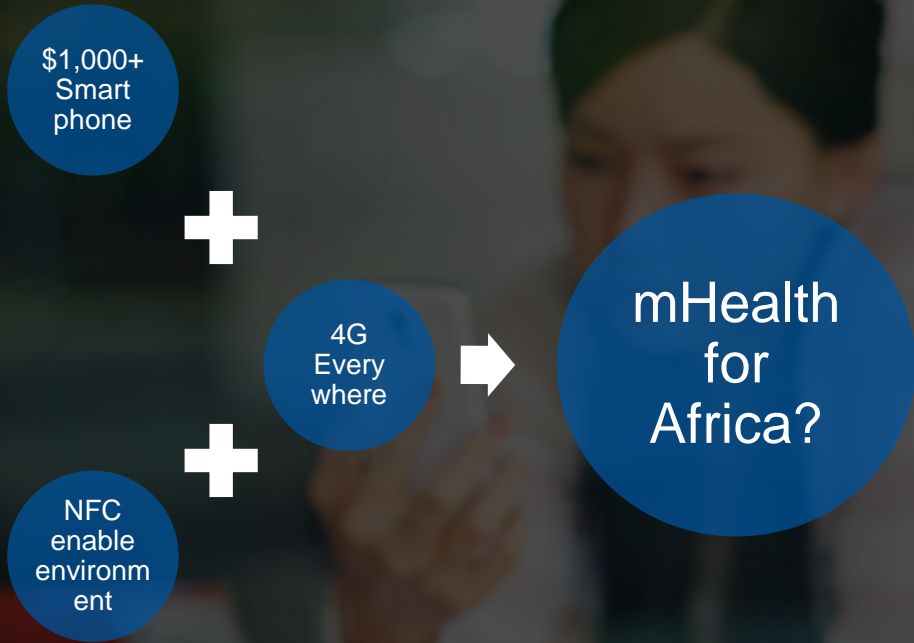


Fingerprints



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

Silicon Valley overflows the world  
with “geeky” health Apps ...



...that lack pragmatism for country-wide deployment

The  
mHealthCare vision

# 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...

Type

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

Target

- Primary User  
or
- Dependent beneficiaries

Tech

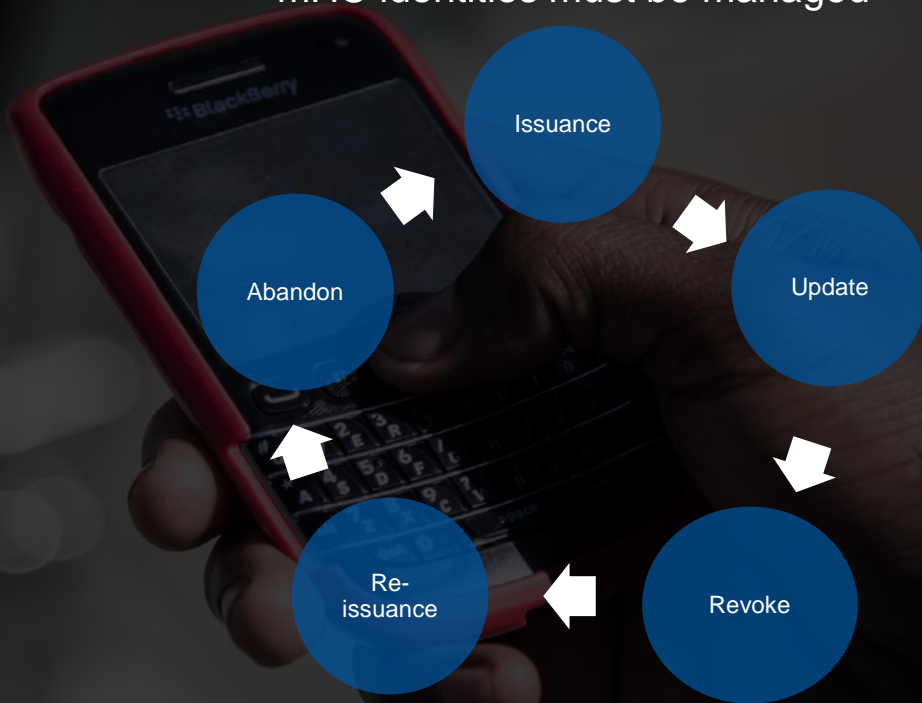
- Fingerprints vs Face vs Speaker vs ...
- Templates interoperability

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

mHealthCare  
what to consider?

## 1. Enrollment

Unlike physical ID, the lifecycle of multiple  
mHC identities must be managed



Reliable governance, automatized workflows  
and risk management are the key

mHealthCare  
what to consider?

## 2. Identities Management



# 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

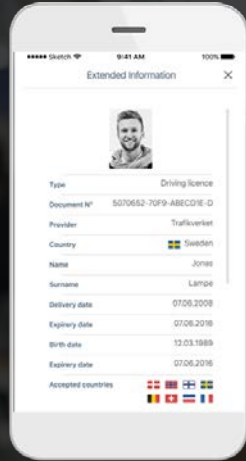
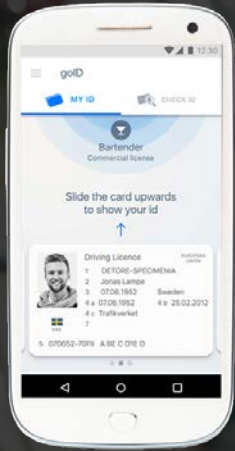
- Context-base authentication
- Smartcards

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

## mHealthCare what to consider?

### 3. Fail-safe

## Security – Convergence – Convenience

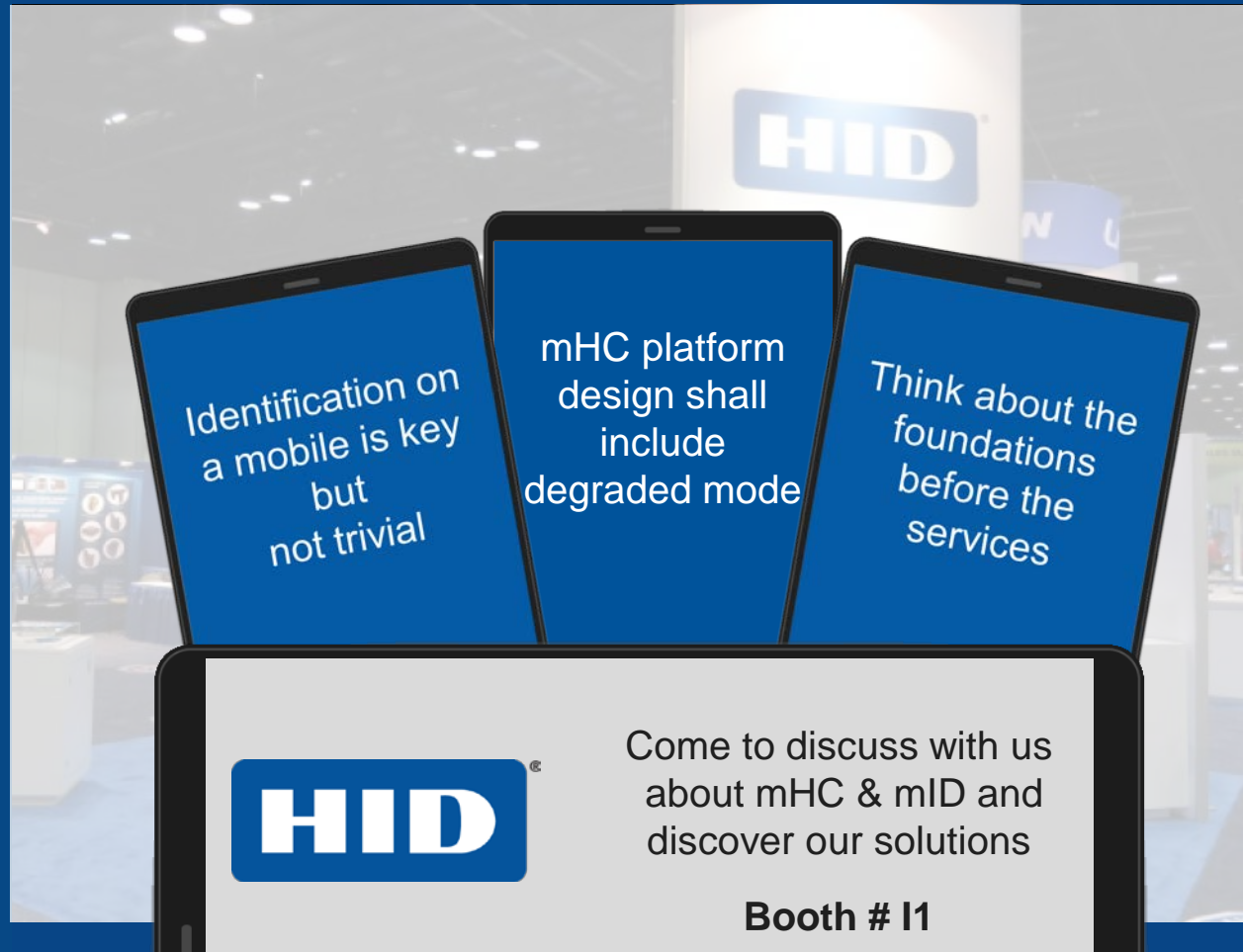


1. 100% usable **offline**
2. Flexible implementation
3. Field proven
4. Holder & Officer

# HID Global gold™

HID delivers gold™ as an empowering solution  
for mGov strategies

# 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

