



# The Co-Existence of Secure Physical and Mobile IDs

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# “Mobile is eating the world”

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SiteCore



HEALTH



SHOPPING



ENTERTAINMENT



COMMUNICATION



INFORMATION



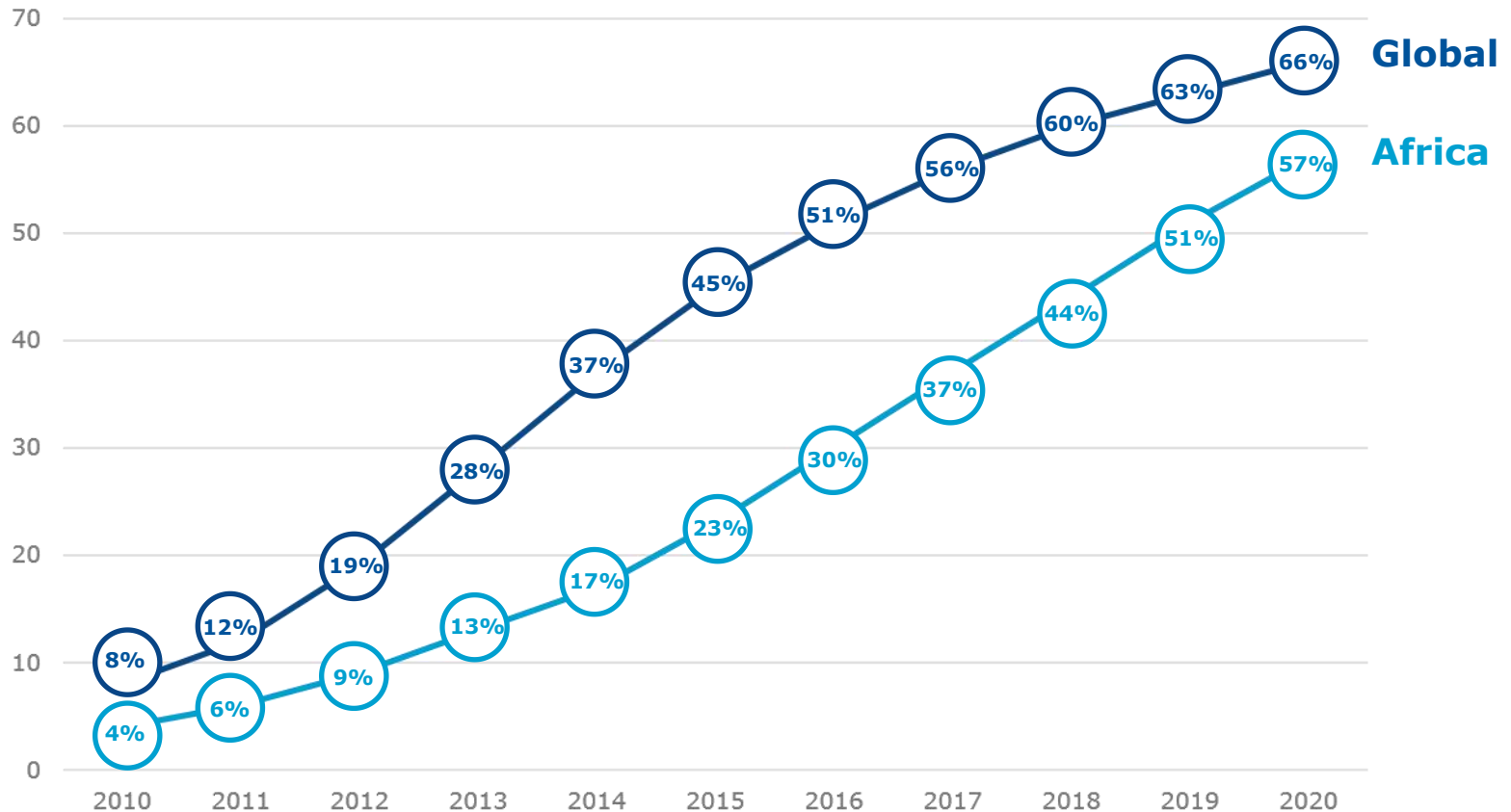
FINANCIAL



ACCESS



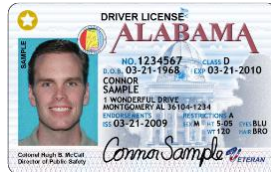
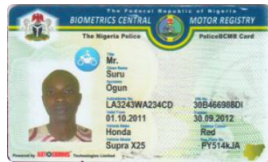
# Smartphone adoption growing in Africa



Source: GSMA, the Mobile Economy Africa 2016



# Evolution of the ID Credential



NATIONAL



Paper

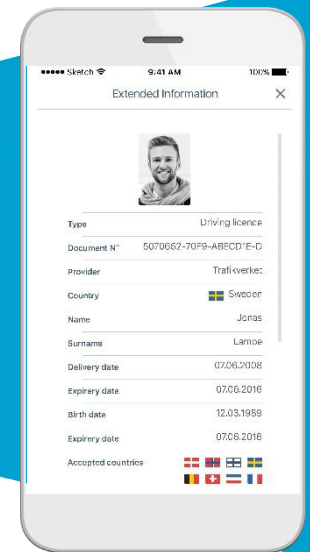
Plastic

Electronic

INTERNATIONAL



MOBILE



# For Some Applications, Mobile is Already Replacing Physical



[www.fidme.com](http://www.fidme.com)

# Principles for a New Era of Empowerment



- ✓ Voluntary
- ✓ Interoperable
- ✓ Private
- ✓ Secure
- ✓ Remote-Capable

# Already Proven in a Wide Variety of Commercial Applications

## Turning smart devices into **versatile credentials** for:

- Opening doors, data and cloud apps
- Safer and more secure Internet of Things



spg  
Starwood  
Preferred  
Guest

# The Near Future: **Coexistence** of the Mobile ID and Physical Card



*A mobile ID cannot fully replace the physical ID today*

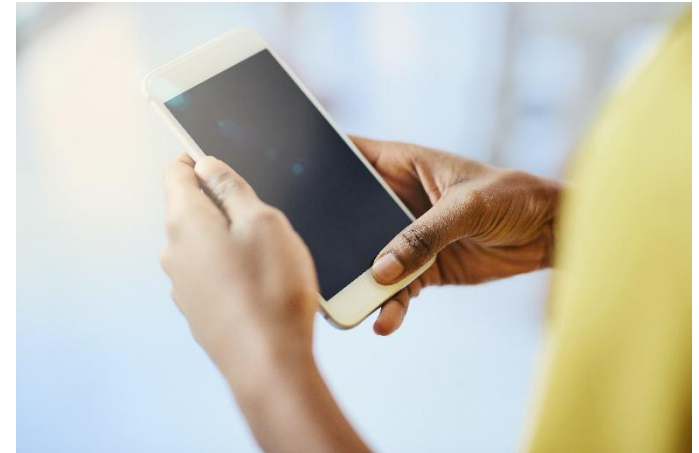
*ACTION: Issue physical cards with a mobile ID for added value and guiding change*



# Mobile and Physical Identities: **The Benefits are HUGE**

## **Citizens get convenience, privacy and empowerment**

- Mobile IDs extend functionality of physical IDs
- Privacy is protected – share only what you need
- Information can be updated or reissued quickly



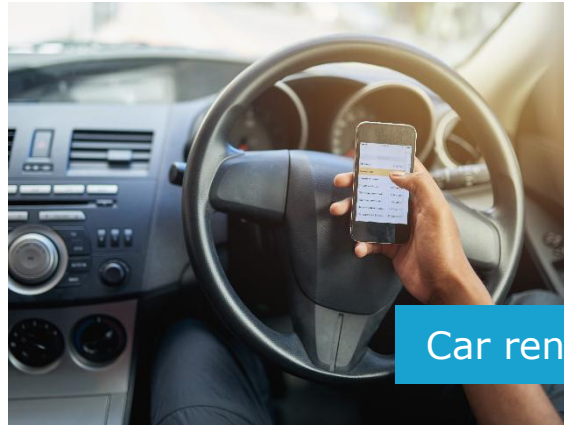
## **Governments get increased security, safety and efficiency**

- Issue and update IDs remotely
- Interact more safely and effectively with citizens
- Increase security of identification and authentication
- Expand smartphone functionality

# Physical and Mobile IDs Together Have **Endless Possibilities**



Travel



Car rental



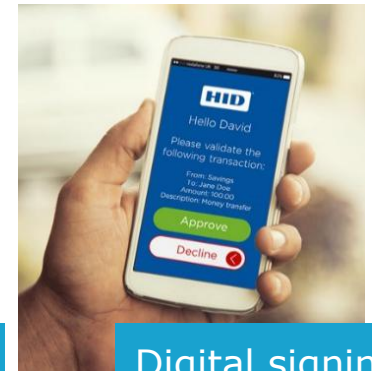
More...



Remote registration



Hotel registration



Digital signing

# Co-existence Leads to Higher Security: Multi-factor Authentication



- + **Knowledge**
- + **Possession**
- + **Inherence**

# A Real Opportunity for Africa



Shrinking the **rural digital divide**

**Reduced cost** and pain of building infrastructure

**Easier to use/manage** and more affordable technology





# Nigeria – Leading the Way Vehicle Registration Goes Mobile

**Co-existence** of physical and mobile identities

**Single reader** infrastructure



## PoliceBCMR

Population:  
**170M**

Number of cars:  
**50-60M**



*Facsimile. Product in development.*

Partnering with





# Angola - Changing the World

## Rolling Out New Voter IDs



Number of  
Voters IDed:  
**4.5 Million**



### Using the **HID® DTC5500LMX**

- ✓ Wasteless lamination provides a 40% consumables cost savings
- ✓ iOn™ fast heat-up delivers cards 80% faster

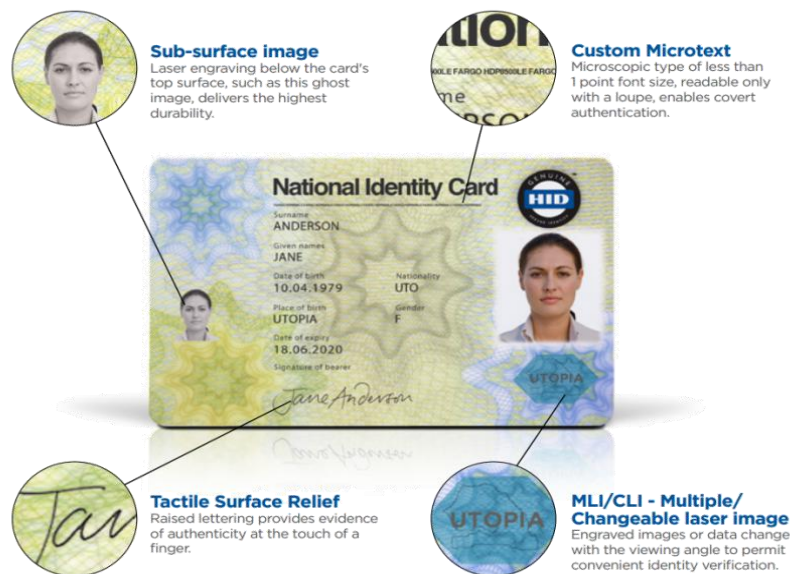


# Physical Cards are Getting Better Too: One-2-One Card Visual Security



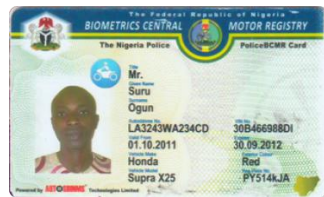
- ✓ **Card with special personalized foil**

- ✓ **Card personalized by laser**



# Facilitating the Transition: **Customize Degree of Mobility**

# Seos



**Mobile-enabled  
ID**



**Mobile ID**

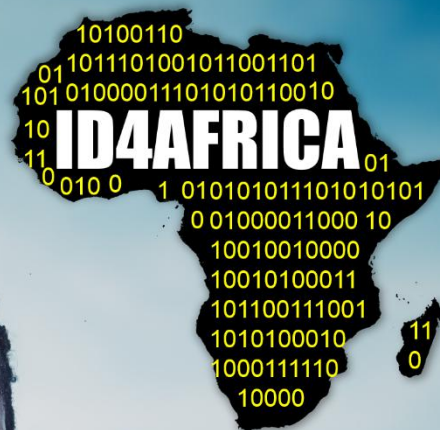


**Mobile ID  
Readers**



**Fully mobile  
platform**





Questions  
[www.hidglobal.com](http://www.hidglobal.com)

