

GCF 5G Workshop

28.Nov.2018, Dubai

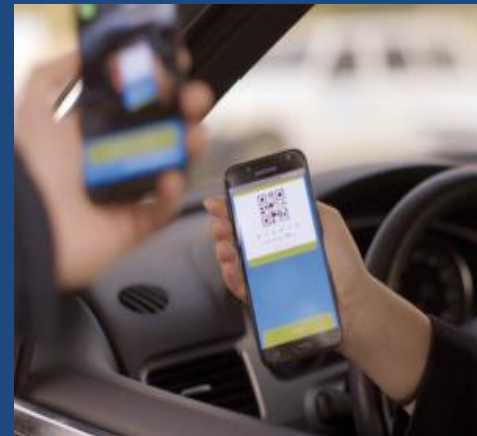
VERIDOS

IDENTITY SOLUTIONS

by Giesecke+Devrient
and Bundesdruckerei

5G & Government Mobility

Mobile-First Strategies



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LinkedIn

Agenda

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Introduction

2

Why Mobile-First?

3

eGovernment Use Case (Identification)

Introduction

(The Context)



5G Performance

High Data Rate

Reduced
Latency

Energy
Saving

Cost
Reduction

Higher System
Capacity

Massive Device
Connectivity

Relevant Numbers

7,800,000,000

World Population

7,000,000 / Month

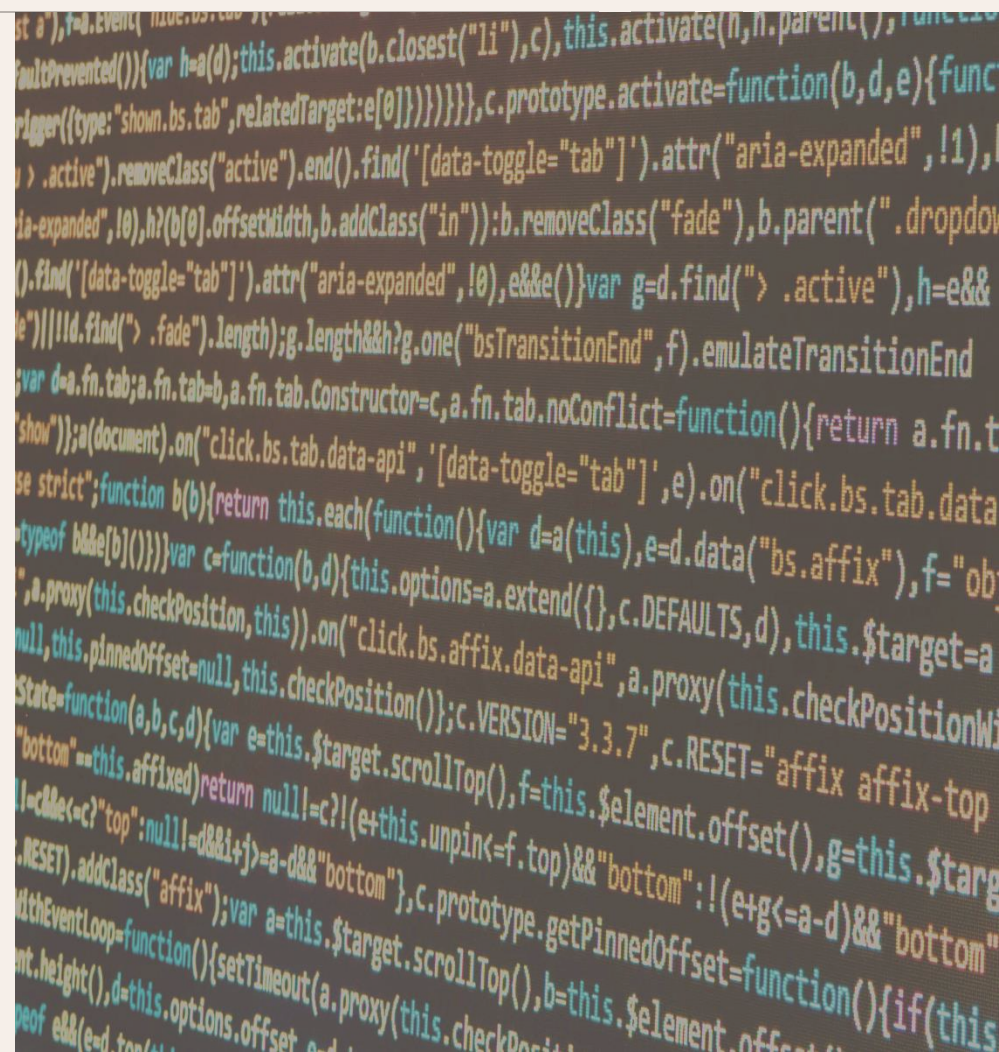
Net World Population Growth

1,900,000,000 / Year

Cellular Phones Sold a Year

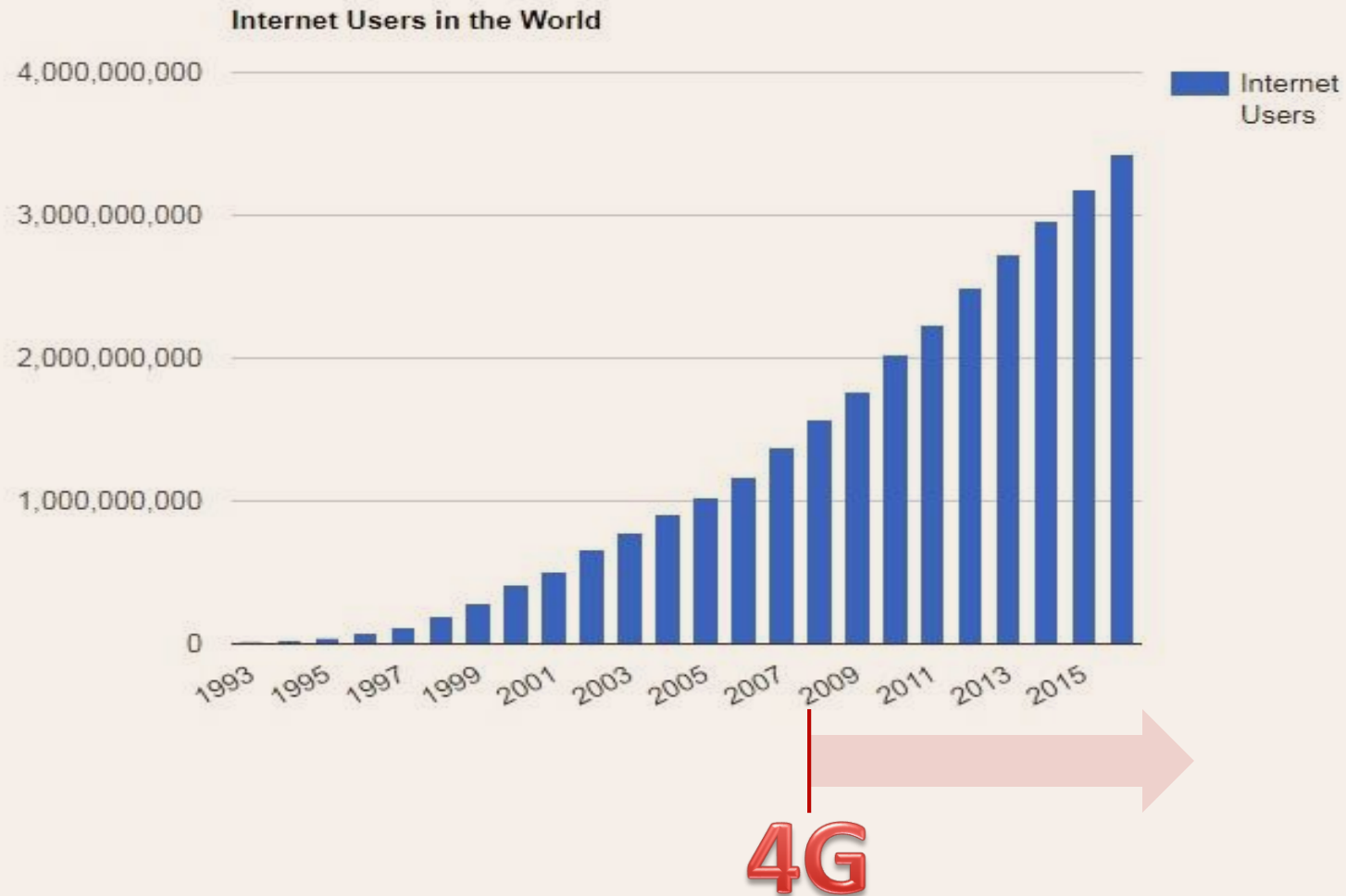
4,000,000,000

of Internet Users



Source: www.worldometers.info

MNOs Accelerate Spread of Internet



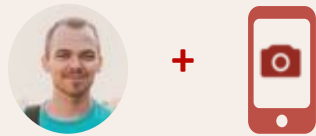
Source: www.internetlivestats.com

Why Mobile-
First?

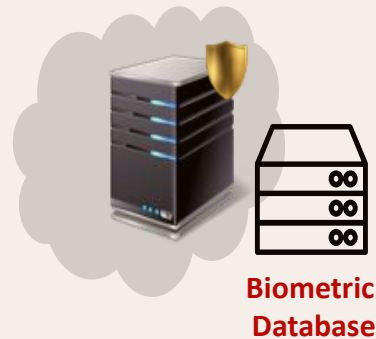
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"I prefer my mobile." Citizen

Citizens



Authentication



eGovernment Services

- Personal documents
- Obtain certificates
- Use of public property
- Property & construction
- Import, export, customs
- Etc...

- Remote Facial Recognition
- Username + password authentication
- Two factor authentication (e.g. password + SMS)
- PKI authentication (smart cards)

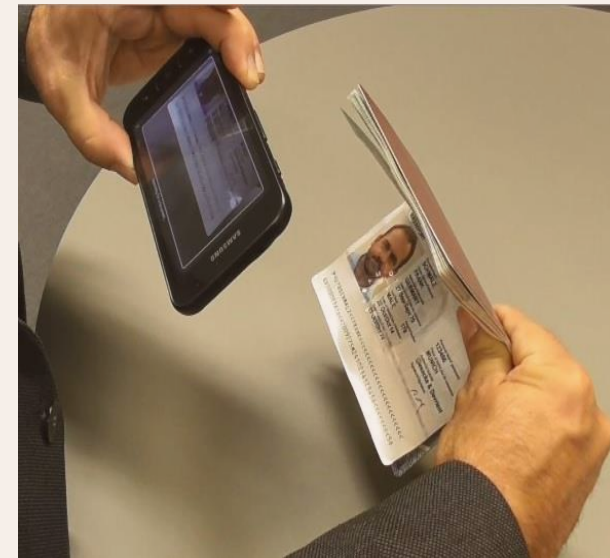
New Mobile-Based Possibilities



Mobile Driving License



Document verification

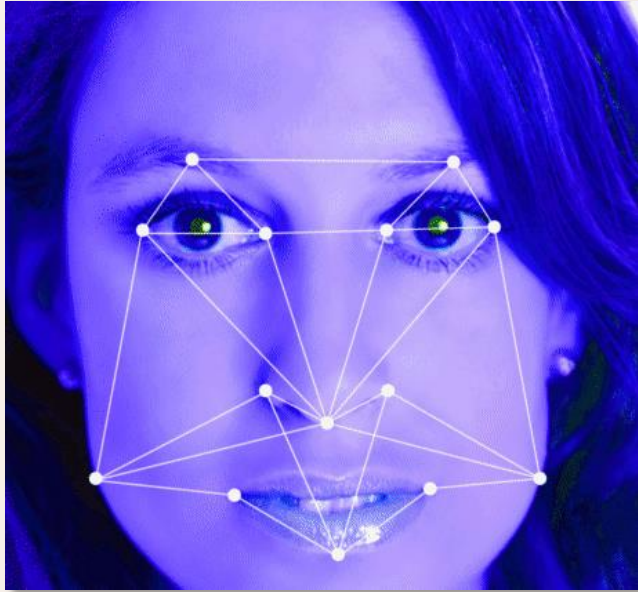


Document Enrolment

eGovernment Use Case (Secure Identification)

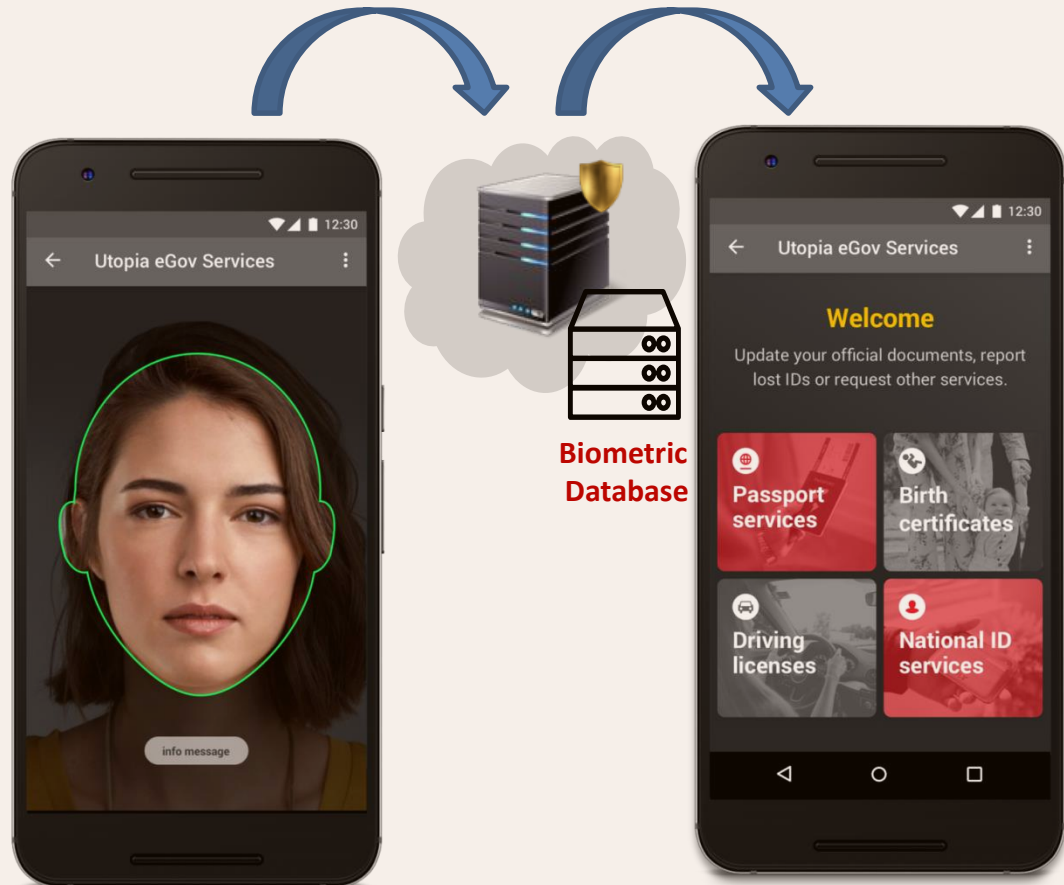
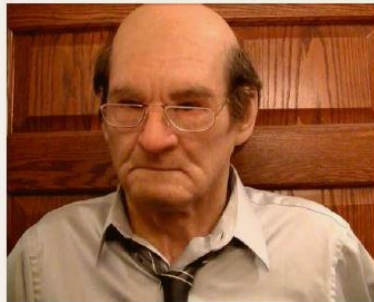
3

Biometric Evolution



Secure Identification

But How Secure?!!!



Enabled by 5G

HQ Video ID Session!



End User Journey

Convenience for a happier citizen



A citizen's driver's license is expired.



She downloads the mobile application and selects the driver's license renewal section.



She authenticates with facial recognition and can immediately renew her driver's license.



Once the driver's license is renewed, she can go to the local office to pick it up.



She can go on the planned vacation by car.

Thank You!

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