



Mobile Connect: Delivering global mobile identity services

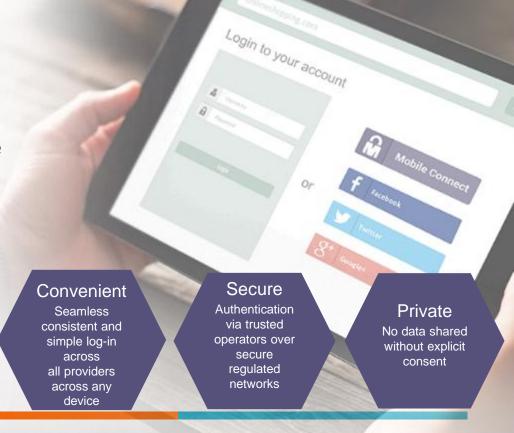
Marie Austenaa

VP, Head of Personal Data and Mobile Identity, GSMA



A mobile operator facilitated digital identity solution

- Simple, secure and convenient access to online services
- Combines the user's unique mobile number and optional PIN to:
 - Authenticate users online
 - Authorise digital transactions
 - Verify identity
- Available on any device





The value of Mobile Connect



Builds Trust in digital services



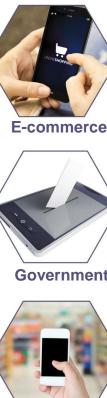
Improves customer insights



Protects user privacy and reduces fraud



Drives user loyalty and unlocks potential new digital revenues



Parental Control



Banking

Travel & Hospitality

Retail



51 operators launched in 29 markets

3bn

...enabled users world-wide

67m

...Mobile
Connect users...

16m

...active users

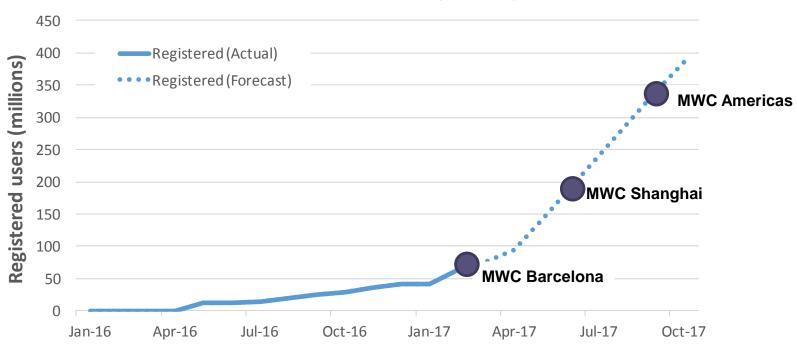
Finland India DNA elisa Stelia Sonera China UK airtel AIRCEL Pakistan telenor ZONG 4G ● 中国移动 China Mobile Switzerland Korea Sunrise SK telecon swisscom Mexico Thailand France Italy américa TIM AIS dtac Telefonica Spain Malaysia Telefonica Colombia dıgi **M** movistar Egypt Morocco Cambodia **Ecuador** Smart Turkey **M** movistar Sri Lanka Indonesia TURKCELL Brazil vivo Bangladesh **€**TELKOMSEL xL axıata Peru Chile Mvanmar Telefonica Telefonica telenor Argentina Uruguay Australia Telefonica **M** movistar TELSTRA

Correct as at February 2017



Mobile Connect is growing

Mobile Connect users (millions)





Operators are scaling Mobile Connect











Default service

Own services

Join global industry solution

Promote to own partners

Establish joint market offer





























Evolution based on market demands

Authentication

Simple and globally ubiquitous log-in mechanism

high security



authenticate



authenticate

Authorisation

Authorisation of a transaction based action



authorise



authorise plus

Identity

Assertion of customer identity

national ID





Attribute

Insights about the user, device or transaction











Helping users manage their identity and personal data across their digital footprint



Agenda Speakers



HOST

Marie Austenaa, VP, Head of Personal Data and Mobile Identity, GSMA



Jon Fredrik Baksaas, *Advisor*, *and former Telenor*, *Group CEO and GSMA*, *Chairman* A ubiquitous digital identity, and the role of the mobile operators within that



William Pence, Executive Vice President and Global CTO, AOL Inc Importance of digital identity and trust for the private sector



Aamir Ibraham, CEO Jazz, Pakistan

Digital transformation in developing markets; the role of digital identity and Mobile Connect



Ian Huh, Senior Vice President, and Head of Solution Business Division, SK Telecom A global identity solution, the benefits to end users and industry.



Burak Akinci, *Director Marketing & Big Data, Turkcell*Driving user awareness and usage and strategy for future growth of services