May 26th, 2015

Ramesh Kesanupalli

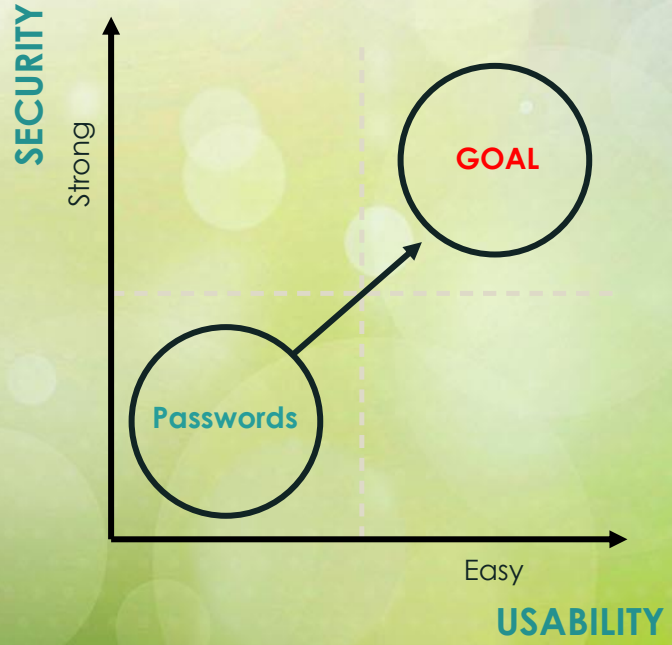
Vice President of FIDO Alliance, Founder of Nok Nok Labs

2009: The Start of the FIDO Vision

Ramesh Kesanupalli
Former CTO
Validity Sensors

Michael Barrett
Former CISO
PayPal

Shared View of Problem

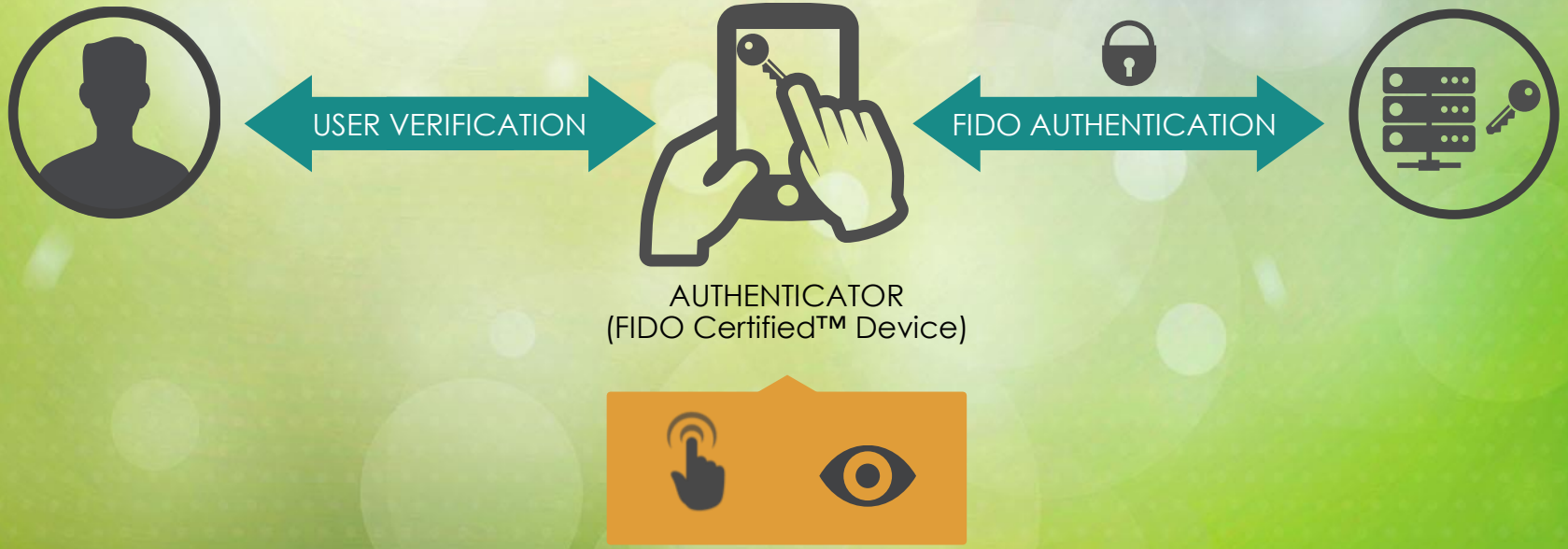


Adoption Drivers:

- Easy to use
- Reduce fraud
- Benefits to consumers and businesses

WE CALL OUR
NEW MODEL
Fast IDentity Online
online authentication using
public key cryptography

HOW DOES FIDO WORK?



Simple to Use

No Server-side Biometric Data

Biometric Data and Private Keys Never Leave the Device

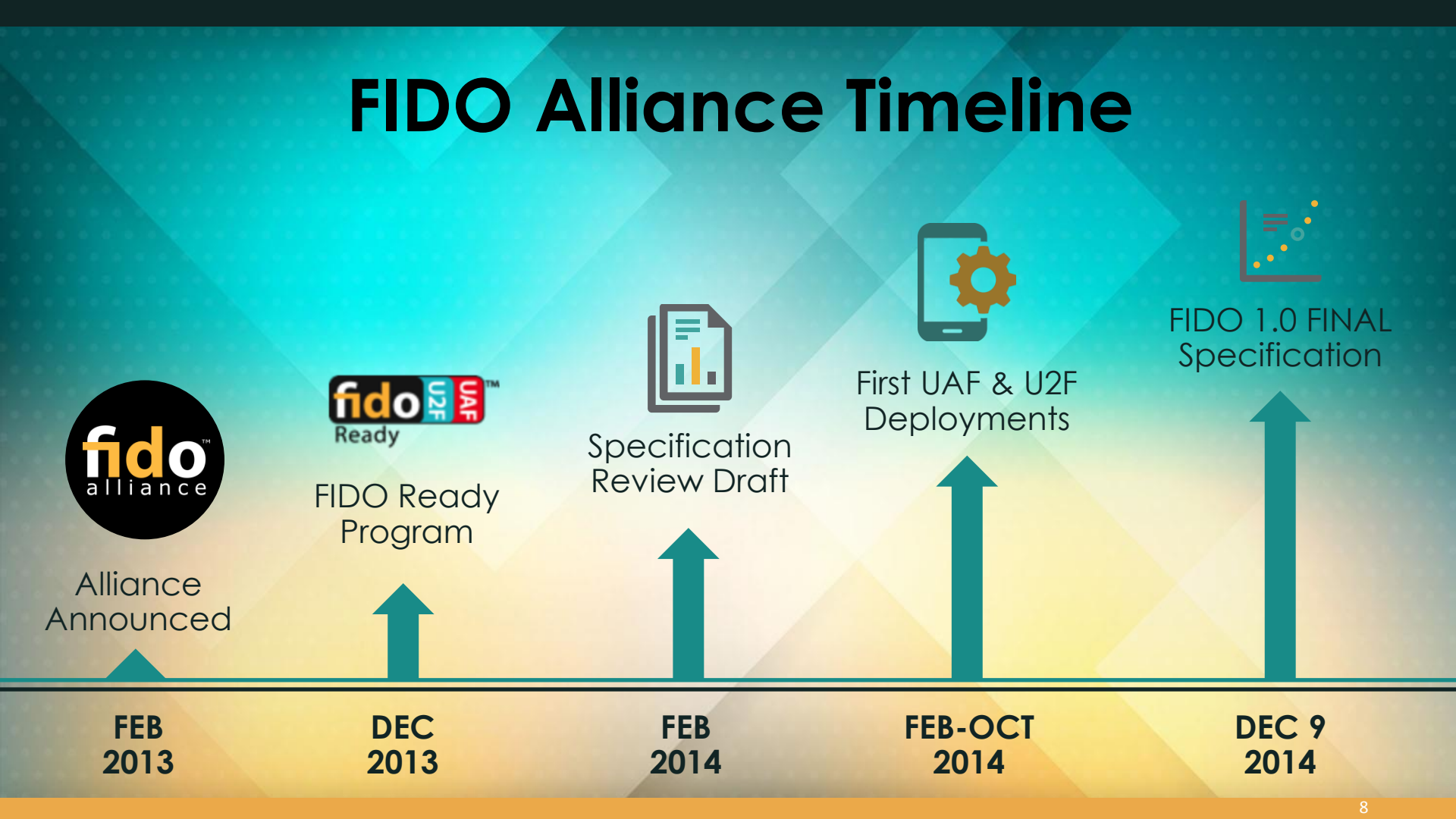
No link-ability between Accounts from Different Companies

Brett McDowell

Executive Director of FIDO Alliance

The **F**ast **ID**entity **O**nline (FIDO) Alliance is an open industry association of nearly 200 global **member organizations**

FIDO Alliance Timeline



2015 news from the Market

LEADERS FROM AROUND THE WORLD

NTT docomo

fido™ alliance | simpler stronger authentication

1st MNO to Join FIDO ALLIANCE Board of Directors

NTT docomo

1st to Enable MULTIPLE SERVICES Using FIDO UAF 1.0 Standards

NTT docomo

1st to Deploy
IRIS & FINGERPRINT
FIDO User Experiences

NTT docomo

1st to Launch Multiple FIDO CERTIFIED™ Devices from Multiple OEMs

fido UAF Certified

- ✓ Strategy
- ✓ Governance
- ✓ Leadership

Board Members

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DISCOVER
PayPal
MasterCard
SAMSUNG
Bank of America
Google
Microsoft
lenovo FOR THOSE WHO DO.
Synaptics
ARM
Nok Nok LABS
oberthur TECHNOLOGIES THE M COMPANY
NXP
CrucialTec
IdentityX
RSA
yubico Trust the Net.
Alibaba Group
QUALCOMM
VISA

Ramesh Kesanupalli

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NTT docomo

fido™ docomo ID = Ecosystem

Future Goal

Mobile Devices as Your Key to Life

Changing the World
Requires an Ecosystem

Principles

A new industry standard needed
Must support multiple types of authentication
Adoption at scale requires an interoperable ecosystem