



qKey

**Making phones as secure
as smart cards**

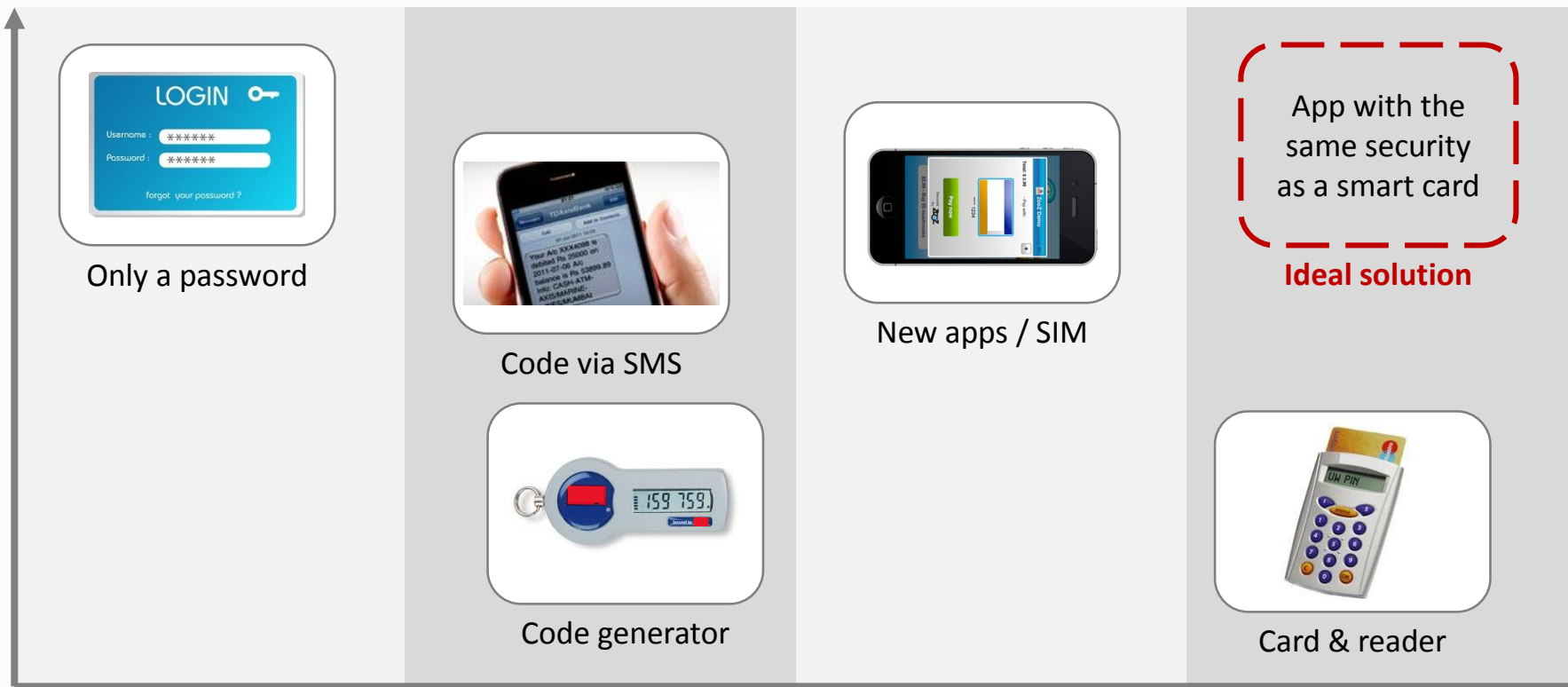




Authentication landscape today

There is no ideal solution yet

User convenience



App with the same security as a smart card

Ideal solution

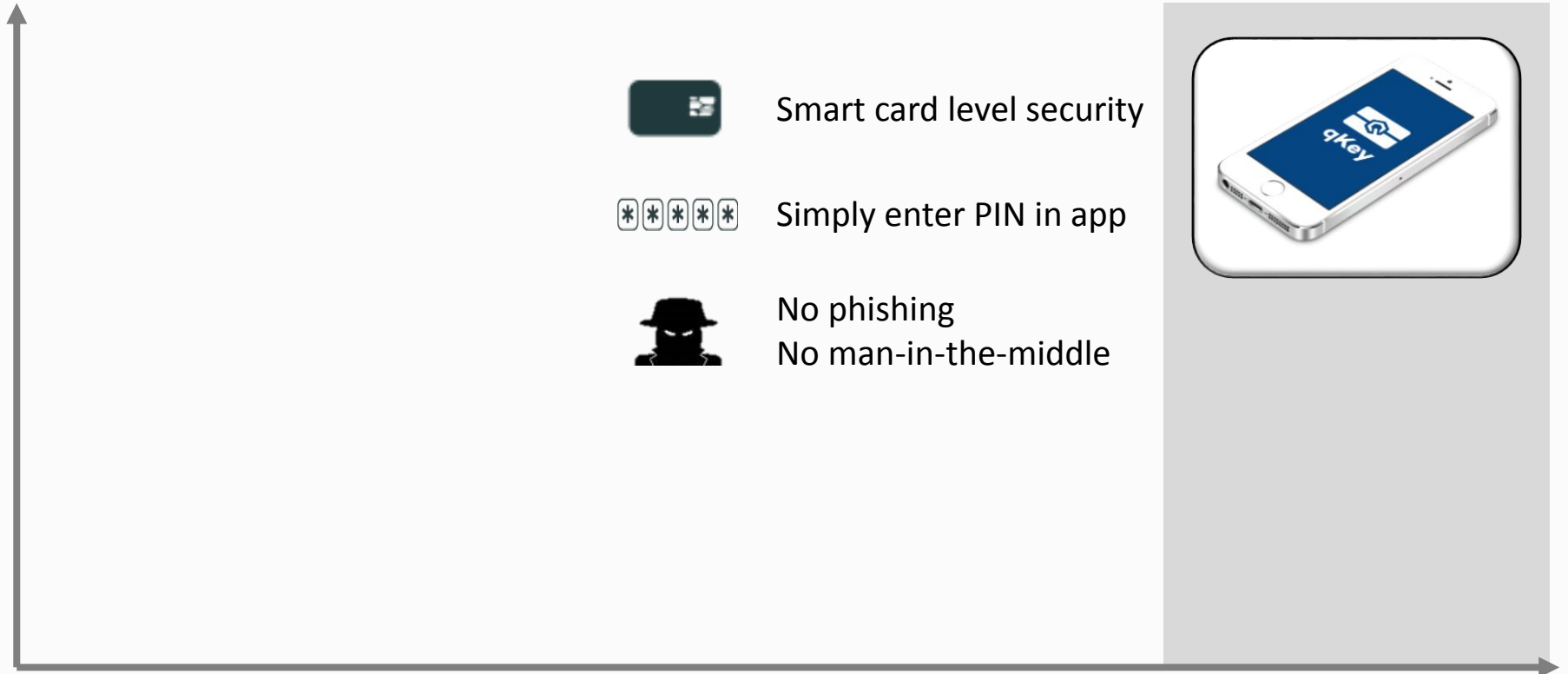





STORK security level



qKey is the ideal solution

User convenience



-  Smart card level security
-  Simply enter PIN in app
-  No phishing
No man-in-the-middle



 **STORK security level**



Extremely simple user experience

1



Click to login

2



Enter PIN on phone

✓

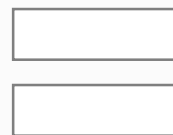


Login successful



qKey is first in the world

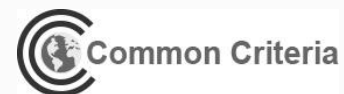
Mobile phone as secure as a smart card!



QAA level 4



101 456



419241



140-2 level 3



Game changer in many markets



Federated ID systems

Banking

Payment

E-signing

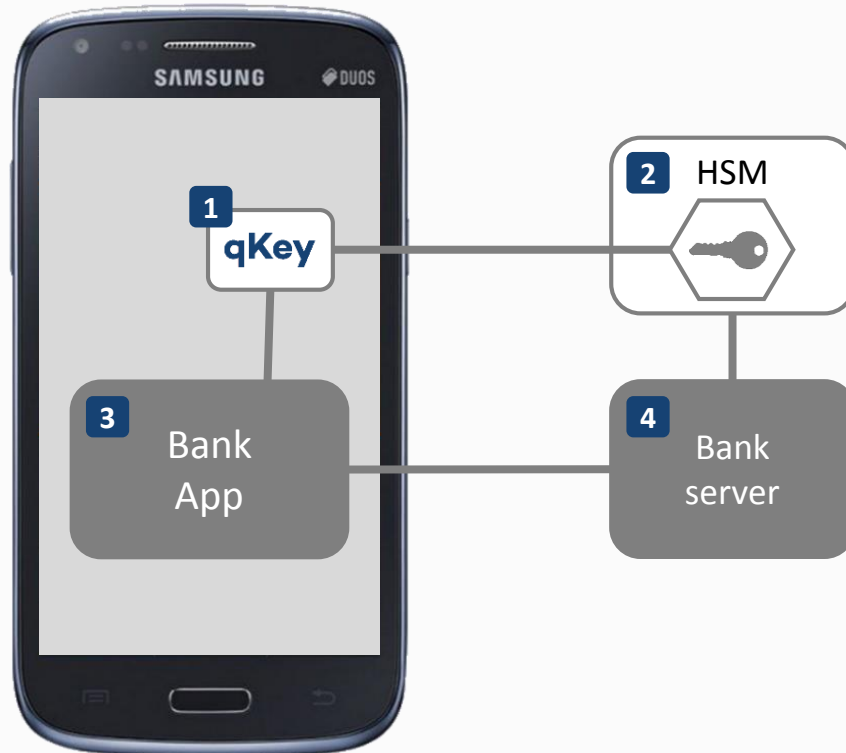
Employee login



Consumer login



Architecture overview

qKey provides both a mobile and a server security component



-  qKey component
-  Customer component

1 qKey mobile security component

Install on each user's phone.
Operates in the background. (analogous to a SIM card)

2 qKey server with HSM

Patented customized HSM communicates with mobile security component and bank server. (HSM may be hosted by customer.)

3 Bank app

Communicates with qKey security component via qKey API (HTTPS REST interface with JSON).

4 Bank server

Communicates with qKey server via qKey API (HTTPS REST interface with JSON).



Contact details

Website:

www.qkeysecurity.com

Contact:

Matti van der Gronde
+31 – 6 – 37 27 29 01
matti@qkeysecurity.com

Guus Stigter
+31 – 6 – 51 72 47 17
guus@qkeysecurity.com