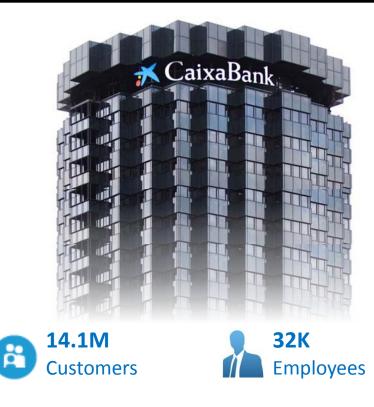


Mobile as main driver for innovation in retail banking

Mario Maawad Marcos Director of Digital Security, CaixaBank mmaawad@elacaixa.es



An overview of CaixaBank



CaixaBank is the leading financial group in Spain, both in banking and insurance and it is developing a strategy of diversification with stakes in international banks and also within leading service companies.

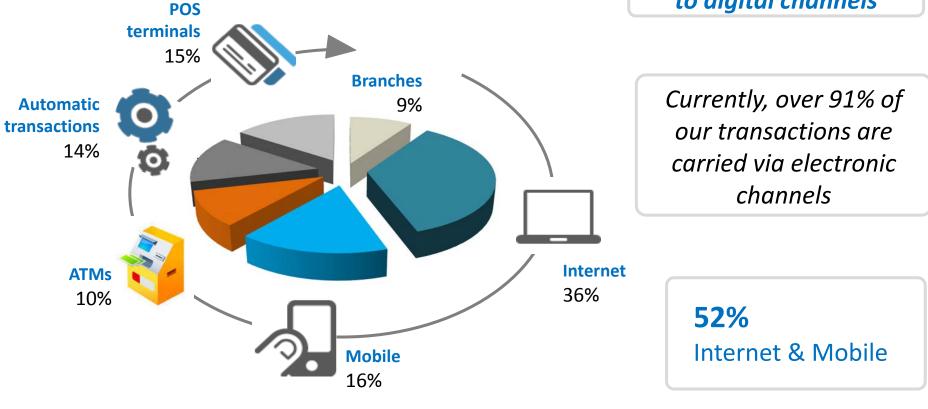






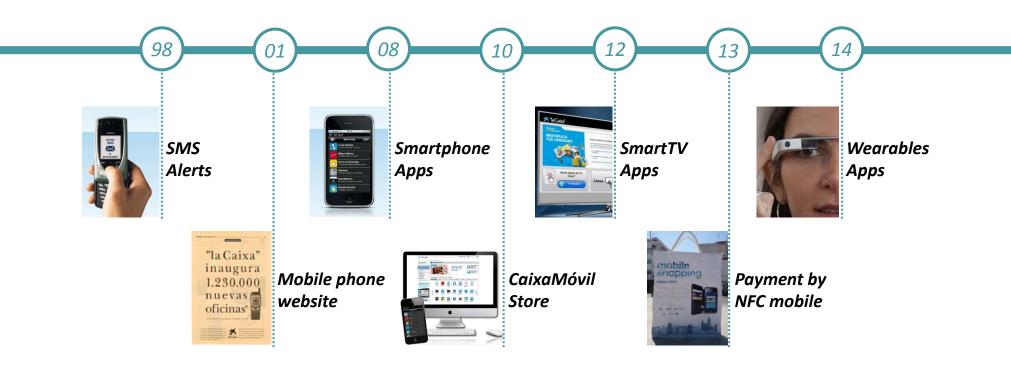
CaixaBank's mutil-channel strategies

Shifting our customers from physical branches to digital channels





History of our mobile channel





Where we are today.....

Alerts service Over 2M SMS/month





Native applications For all platforms

Smartphones & tablets

Línea Abierta Móvil 400 different operations Over 2M clients/month





Caixa AppStore Around 80 different Apps Over 10M downloads

Mobile Contactless Payments SIM based NFC commercial launches *Movistar, Orange and Vodafone* Contactless Stickers Contactless Wristbands





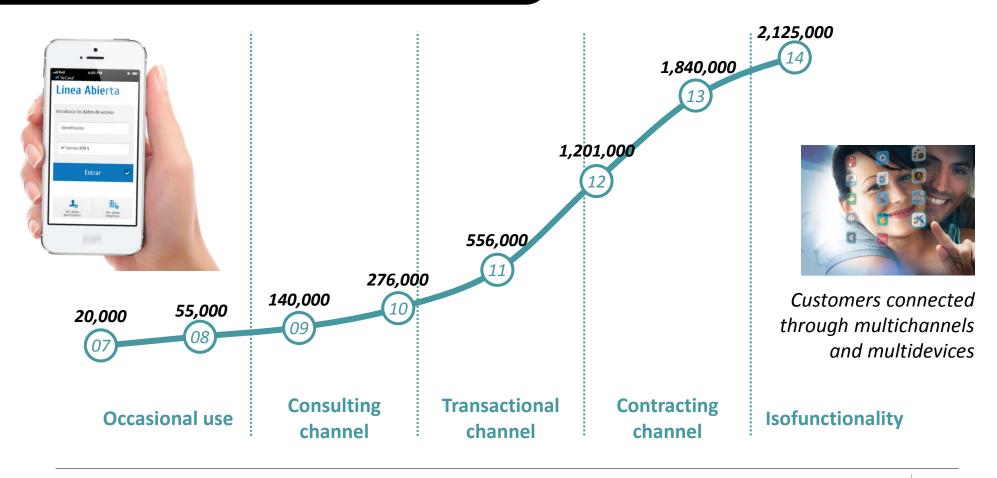
Wearable banking

Google Glass Sony Smartwatch Contactless Wristbands



CaixaBank's mobile channel strategy

Clients/month Línea Abierta Móvil





New channel: 'Línea Abierta' on Facebook

- Secure environment. Facebook does not have access to private customer data.
- ✓ Information displayed in **visual dashboards**
 - Account information and last movements
 - ✓ Card information and last operations
 - ✓ Receipt information
- ✓ Additional functionalities:
 - ✓ Micro-donations to charity causes
 - ✓ Personalized Cards with Facebook





New services in Social Networks





- Customized cards from Facebook profile's
- Card recommendations based on Facebook profile



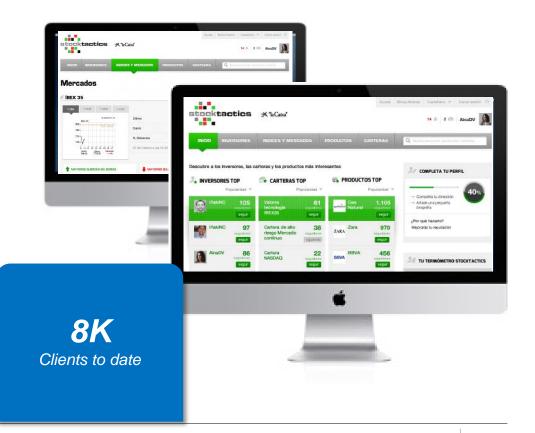
Stocktactics



Exclusive social network for investor customers of "la Caixa"

- ✓ Sharing **investment strategies**
- ✓ Operations with virtual or real portfolios
- ✓ Link with Bolsa Abierta for realtime operations
- ✓ Accessible from mobile applications (iPhone, Android)

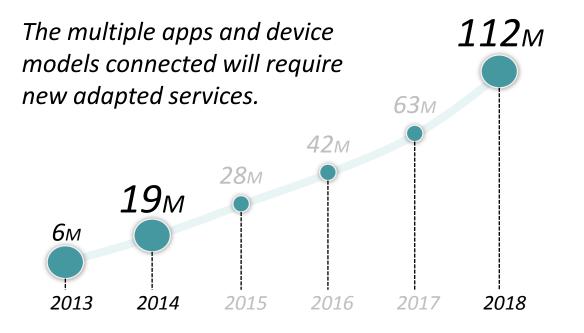






Swift shift in mobile banking – the wearables

Electronic devices that we wear on ourselves (instead of just carrying them with us) interacting with us or with other devices to carry out a specific task.



Their global sales will multiply by 500 in 4 years time.

Source: IDC – 10/04/2014



Our wearable experience

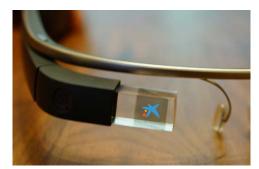
Contactless Stickers Feb. 2013





Smartwatch App Feb. 2014

Google Glass App Jan. 2014





Contactless Wristbands Jul. 2014



Contactless Sticker - VISA



TAP Visa contactless

First payment service via mobile device with a "sticker"



Purchases are managed from the TAP Contactless application for iPhone and Android.



Available since February 2013

GLASS



Google Glass App





Branch offices search engine

Nearby offices Search by address Augmented reality *Currency converter European Bank exchange rate Character recognition Over 50 different currencies*

Available since January 2014



2,200 downloads

App Smartwatch

Bolsa Abierta available for Sony SmartWatch 2



The watch displays the evolution of the user's favourite shares & stocks.

Once selected on the watch, the Bolsa Abierta app is launched (on the moble device) to show further details.

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First financial institution in Europe offering a Smartwatch app to monitor favorite stocks

Available since February 2014



15K wristbands

VISA Contactless Wristband



Visa contactless wristband

First wristband that allows our customers to make purchases by brining the wrist close to a POS terminal



Purchases are managed from the TAP Contactless application for iPhone and Android.



Available since July 2014



Innovation continues....







A leading Hackathon for young developers, designers, creators and innovators.

Aim: creating mobile application prototypes for financial services



