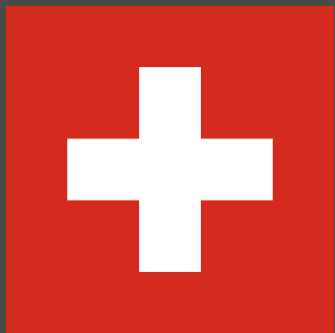


# 3D SelfieLogin !

The logo for OneVisage, featuring a stylized 'O' icon followed by the text 'OneVisage' in a sans-serif font. The 'O' icon is a black circle with a white dot in the center. The word 'One' is in black, and 'Visage' is in green.

# OneVisage is



Spinoff **ETH** zürich

&  
University  
of Basel

**fido**<sup>TM</sup>  
alliance

#CITI MOBILE CHALLENGE **Finalist** UNLEASH DEVELOP DISRUPT

**RED**  
HERRING  
WINNER  
**100**  
EUROPE

# Early Adopter



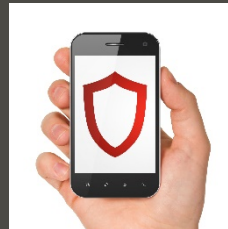
**1 of top 3  
Swiss  
bluechip  
bank**

OneVisage is a Fintech Startup providing a breakthrough cloud / mobile 3D authentication platform to

**REDUCE** transaction abortions  
**INCREASE** security  
**PREVENT** identity theft



Successful Transactions  
up to 30% more



Identity Theft Issues  
up to 50% less



Total Cost of Operations  
up to 70% less

**How ?**

By using 3D face authentication through standard smartphones

# Identity Market !

**997 b€ EU27 by 2020**

Source: Boston Consulting Group

# Generation Z !

**69% of UK's young (16-24)  
believe biometric is the  
most effective way to  
authenticate**

Source: Visa/OpinionMatters

# Fraud !

**6% of all of  
ApplePay's  
transactions in the  
US are frauds**

Source: WSJ

# Spooof !

## 2D Facial – 10 seconds



# Spoof !

Spoofing A 2D Face  
Authentication System

# Replicate !

## Fingerprint from Pics

Source: [Venturebeat/ccc.de](https://venturebeat.com/2016/03/23/face-recognition-can-recreate-fingerprints-from-photos/)

# Authenticate !



3D face  
(3D face)

	Password	Token	Fingerprint	Voice	Iris	2D face	Palm vein	3D face (3D face)
Concept	What you know	What you have	Who you are					
Security	Low	Medium	Medium	Medium	High	Low	High	High
Forgery	Easy	Hard	Medium	Hard	Medium	Easy	Medium	Hard
Acceptance	Good	Medium	Good	Bad	Bad	Good	Good	Good
User friend.	Bad	Bad	Good	Bad	Bad	Good	Good	Good
Std. Mobile	Yes	No	No	Yes	No	Yes	No	Yes
Trust	Bad	Good	Bad	Medium	Good	Bad	Good	Good
FAR %	-	-	0,01	0,01	< 0,00009	< 5%	< 0,00008	< 0,001
FRR %	-	-	~ 0,2	< 0,3	~ 3	< 20%	< 0,01	< 0,01
Speed	High	High	High	Bad	Medium	High	High	Medium
Price	Low	Medium	Medium	Low	High	Low	Medium	Low

# The Hassle we Address



Avg 26 Passwords  
Multifactor  
Tired of tokens  
30% of e-commerce transaction cancelled  
Spoofable biometrics

3D

MESH OF 25k  
DOTS

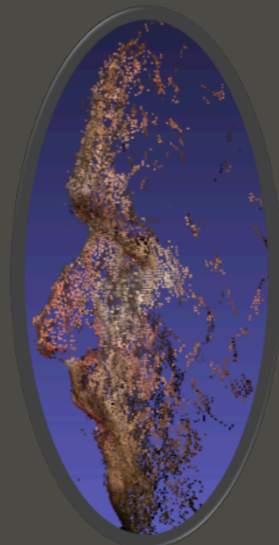
Scanned by  
regular  
Smartphone Cam



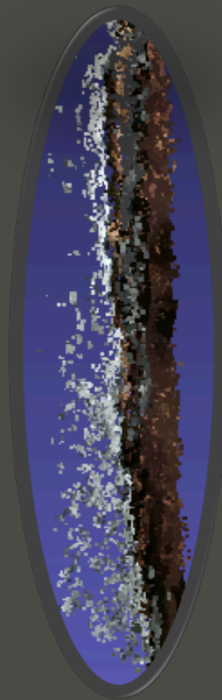
# SpooProof !



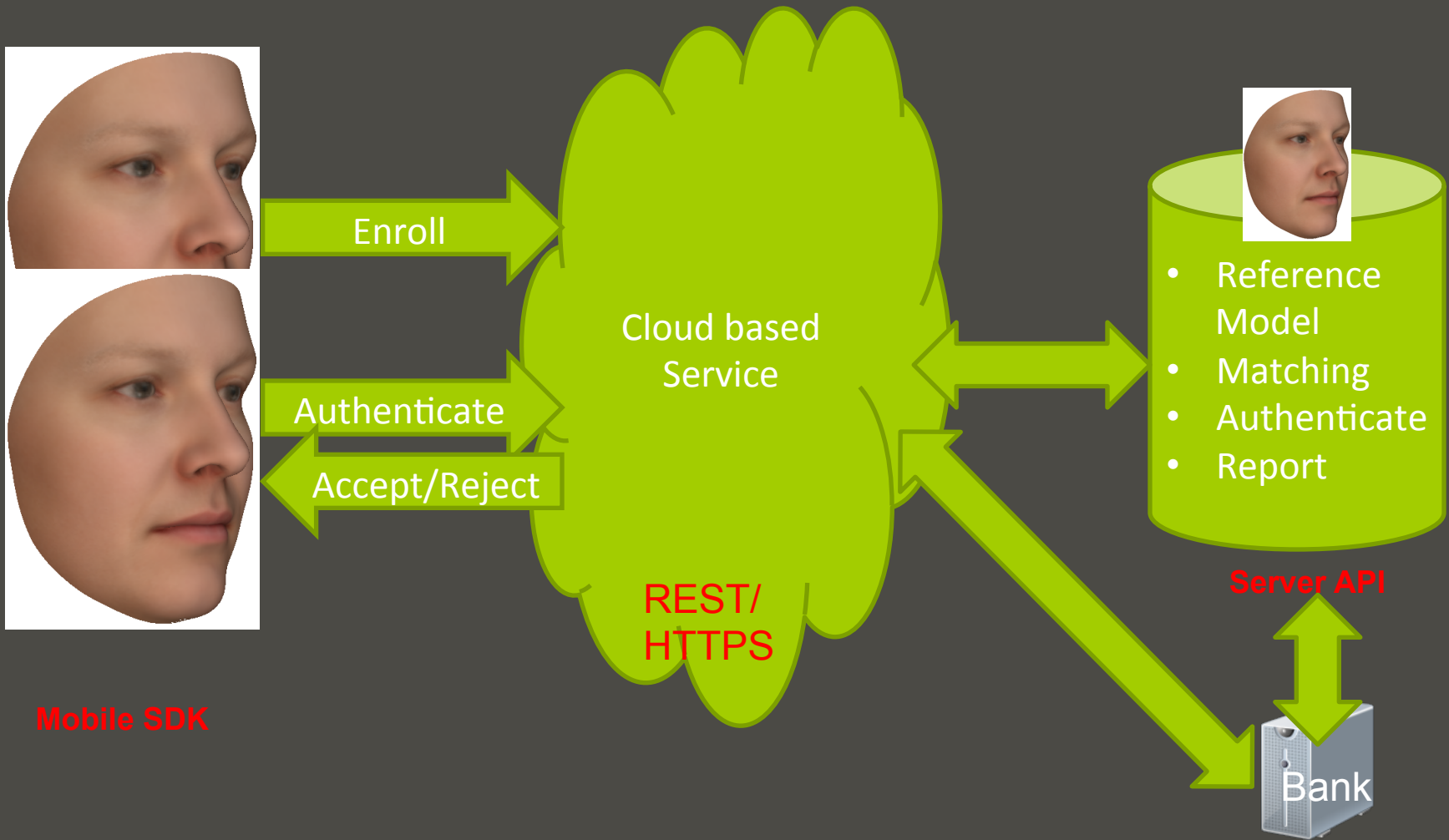
Real 3D scan



2D Photo Scan



# Selfie Architecture



Mobile SDK

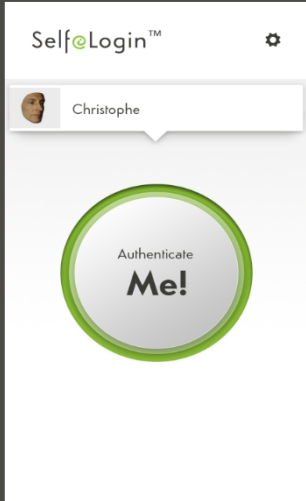
REST/  
HTTPS

Server API

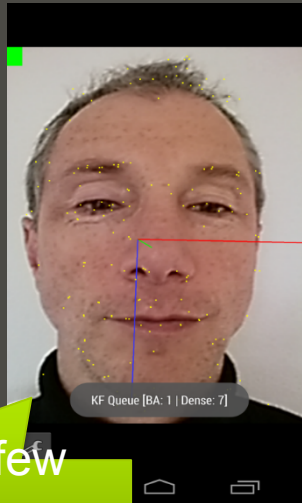
Bank

# SelfieLogin Workflow

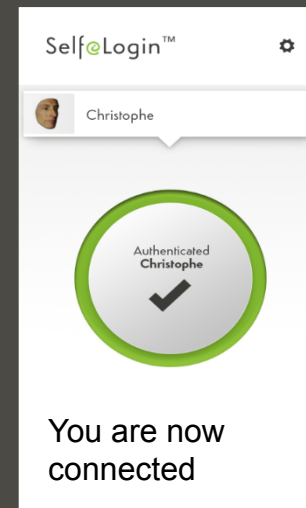
● ACCEPT TRANSACTION



● MAKE QUICK SELFIE



● DONE !



Just move your head few seconds in front of the mobile



# SelfieLogin Workflow



# Great Team !



**Clemens Blumer** - Head of Biometry  
3D face models matching  
100% upon CTI project end



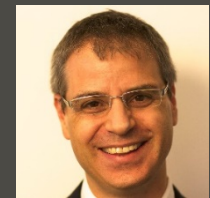
**Fabio Maninchedda** - 3D Computing Expert  
3D facial reconstruction  
100% upon CTI project end



**Christophe Remillet** – Co-Founder, CTO  
25 years in SW & Telco  
Involved in several startup operations



**Alexandre Benhamou** – Co-Founder, CFO  
18 years in SW, Telco & Consumer Electronics  
Successful project track record in major tech & telco players



**Ronni Guggenheim** – Co-Founder, CCO  
25 years in hi-tech startup operations  
Global sales, marketing and bizdev footprint

OneVisage



# SelfieLogin Architecture

