

eye P Media



MOBIO Demonstrator

Jérôme DILAY & Carlos BANDEIRINHA

MOBIO Review Meeting, Sep.16-17, 2009

EyePmedia – 1020 Renens

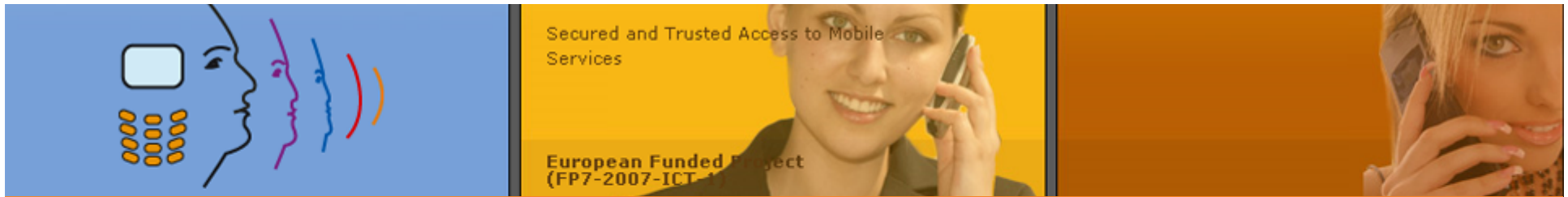


MOBIO - Mobile Biometry

Secured and Trusted Access to Mobile Services

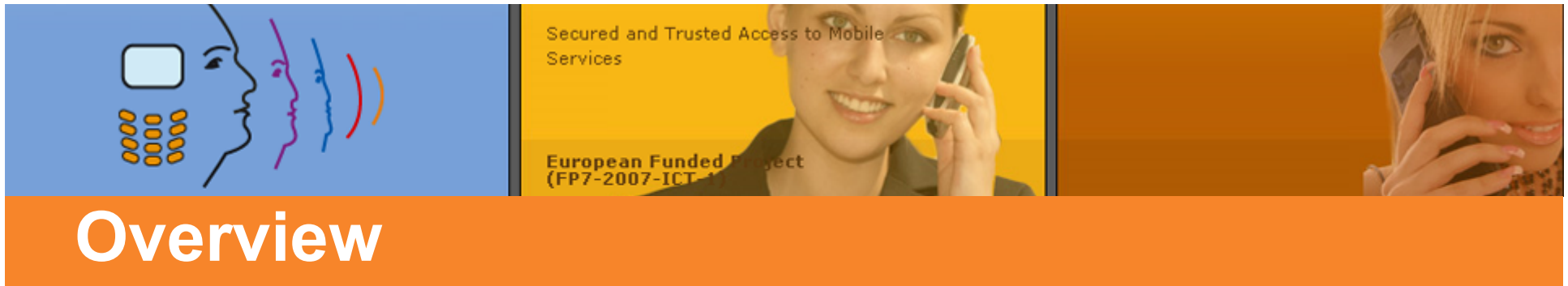
European Funded Project
(FP7-2007-ICT-1)

Be on the vibes



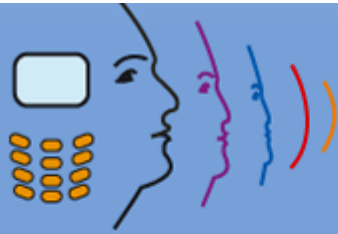
MOBIO Demonstrator

- Overview
- Bank Use Case
- MOBIO Demonstrator Interface
- Live Demo



Overview

- **Four Modules to integrate:**
 - IDIAP (S. Marcel), MCT-based face detector
 - UMAN (H. Bhaskar), CLM-based face localization
 - UNIS (Chan Chi Ho), LBP-LDA face verification
 - BUT/UAPV (H. Cernocky), UBM/GMM speaker verification (with channel compensation)
- **Two applications Developed:**
 - Banking Use Case Demonstrator
 - Enrollment application



Secured and Trusted Access to Mobile Services

European Funded Project
(FP7-2007-ICT-1)

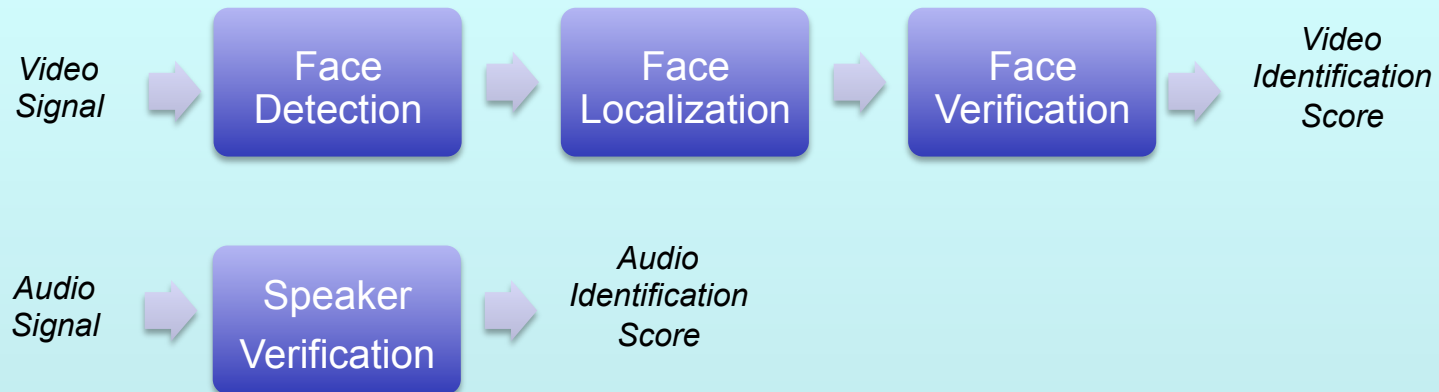


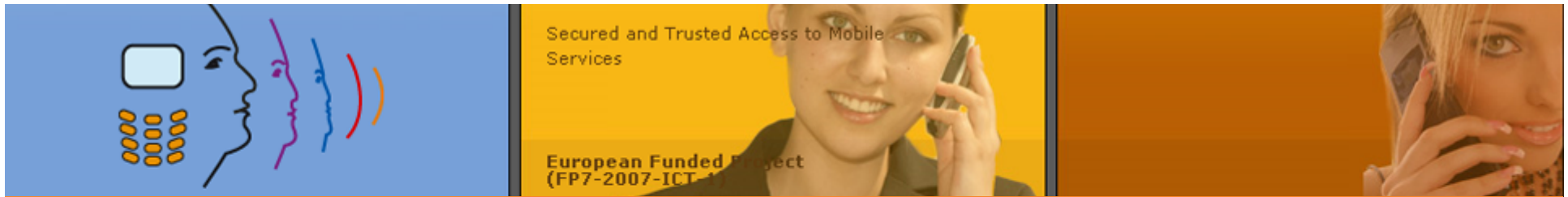
Overview

GUI

SIP

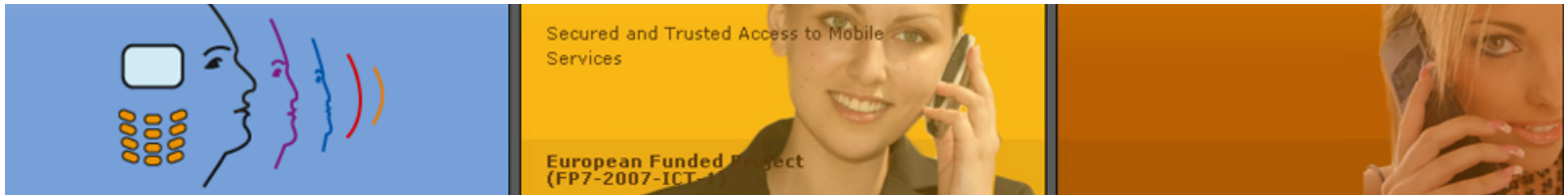
Media Stack





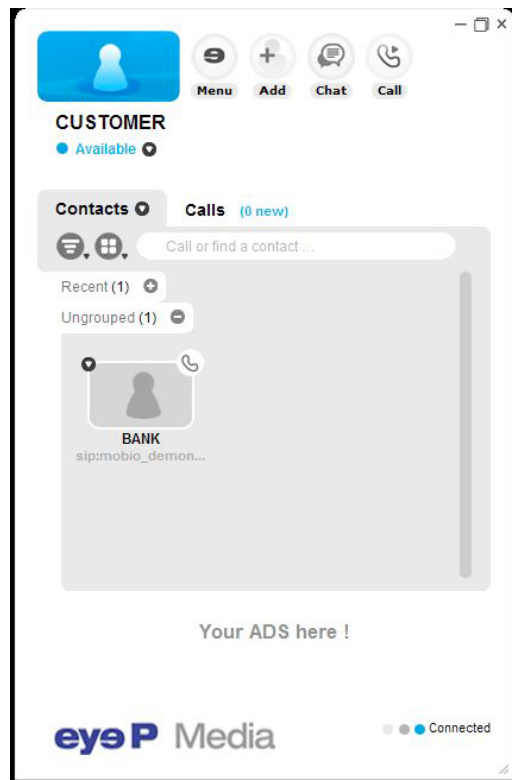
MOBIO Demonstrator: Bank Use Case

1. A customer calls his bank
2. The bank employee will ask questions to identify the customer
3. During each answer, the MOBIO demonstrator will score the identification of the customer (face and speech verification)
4. With the score of each question, the bank employee takes the decision to accept or deny the person

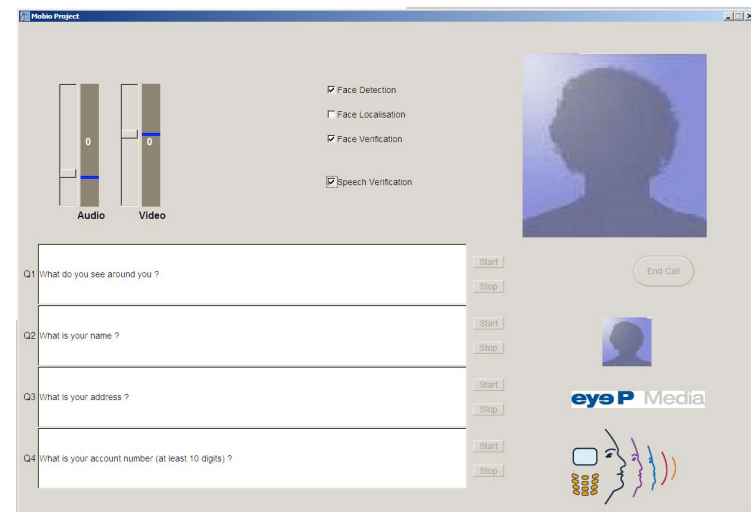


MOBIO Demonstrator: Step 1

Customer

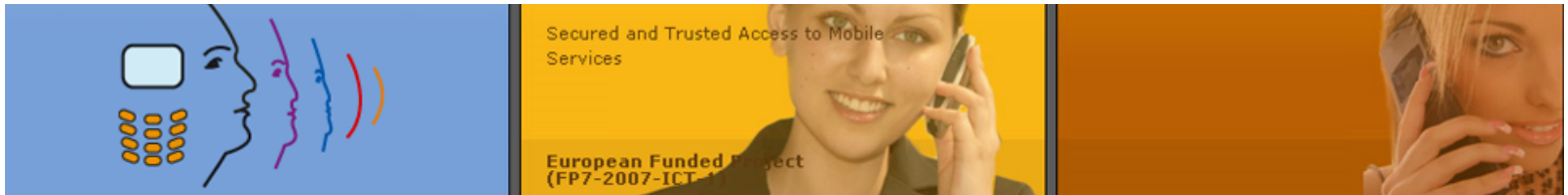


Bank Employee





7 SEVENTH FRAMEWORK PROGRAMME

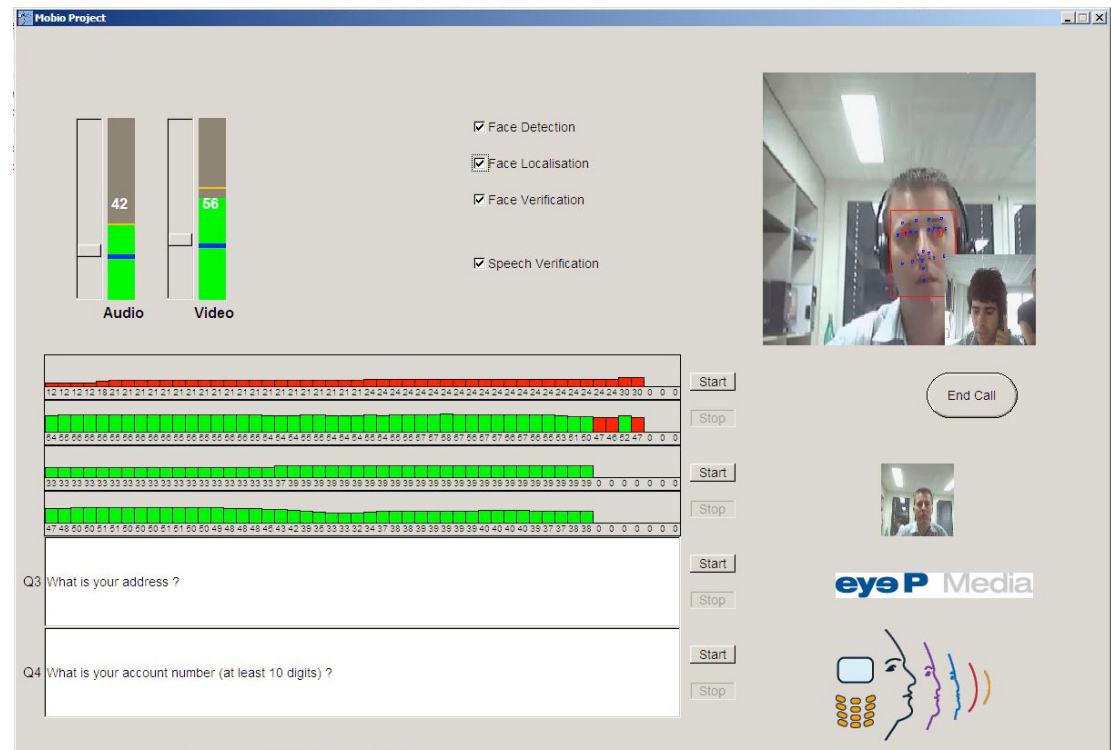


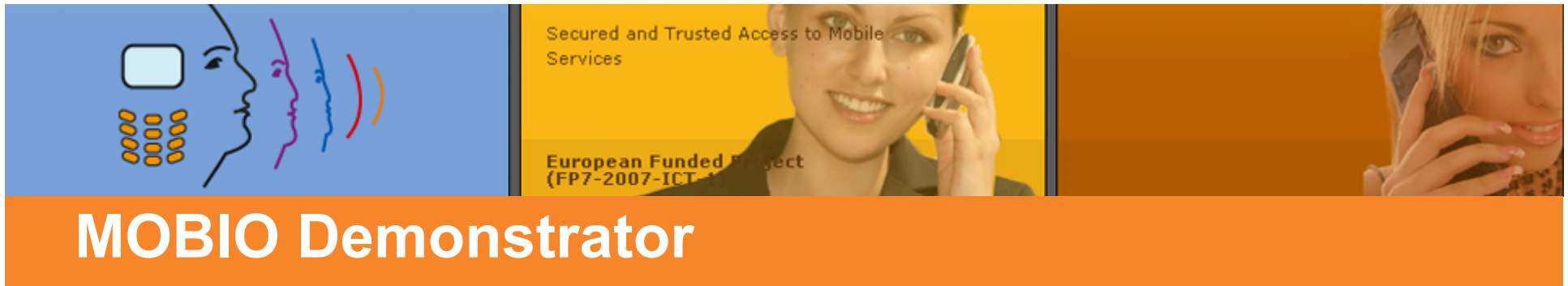
MOBIO Demonstrator: Step 3

Customer



Bank Employee





Live Demonstration