



Horizon 2020 Secure Societies European Info Day and
Brokerage Event

Brussels , 6-7 March 2017

HI Iberia Ingeniería y Proyectos

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Description of the Organization

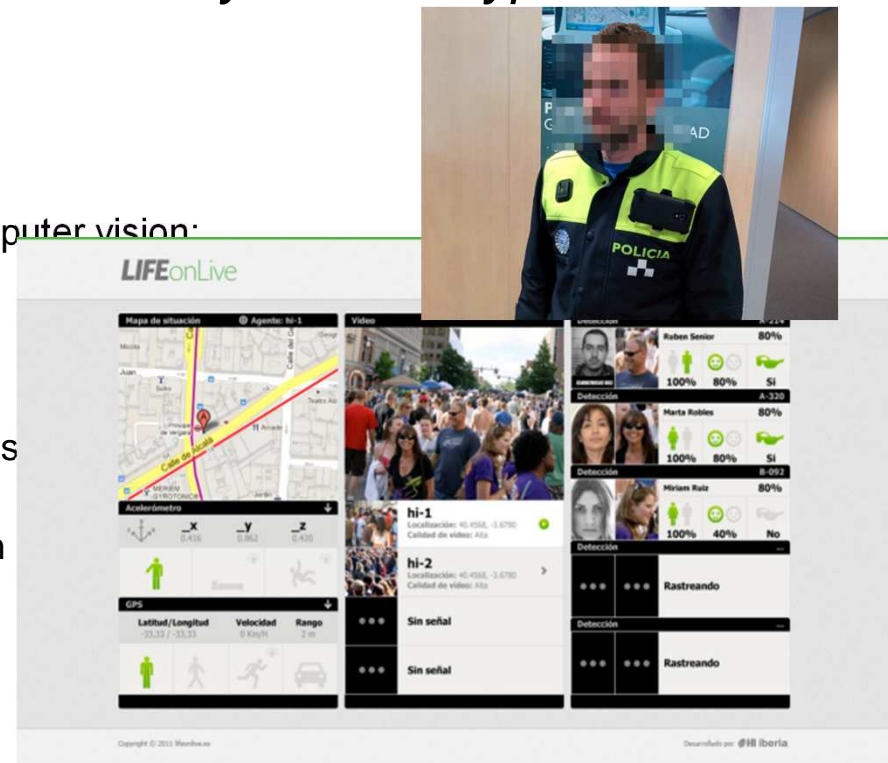


- **HI Iberia** is a Madrid based Spanish SME (staff: ~150).
- Long list of security based products and projects:
 - Work with major security/public safety players in Spain: (Madrid City Police, Guardia Civil, ISDEFE, Spanish Navy)
- Main list of technology interests:
Social Media analysis Semantics/data analysis (Crisis)Mobile Comms
- Participation in FP7 security projects:
 - DG-HOME PROSIMOS: critical communications management
 - FI-FPP SafeCity: Smart city applications for safety and security
 - FP7-SEC ARGOS: Critical Infrastructure protection
 - DG-HOME SAMi2: Social Media Monitoring for Safety Providers



Field Surveillance with advanced computer vision (scenario recognition, facial recognition)

- *Objectives:*
 - *Use case: bodycams based on inexpensive Android devices, mix of in-device and server-based video analysis. Prototype tested by Madrid City Police in 2014*
- *Expected results*
 - Streaming of video over 3G/4G networks
 - Video Analysis based on Deep Learning computer vision:
 - Scene recognition
 - Facial recognition of suspects
 - Headcounts, crowding statistical data
 - Sensors in mobile device for detecting agent's status
 - Big Data analysis framework for post-mortem analysis
 - Trends, event prediction...
 - **Existing demo used by Madrid Police**



Required Partners

- HI Iberia offers said technologies for consortia primarily in the following topics:
 - SEC-12-FCT-2016-2017 : **Technologies for prevention, investigation, and mitigation in the context of fight against crime and terrorism**
 - Possible application of video surveillance analysis and social media in a interoperable framework (joint text-multimedia analysis).
 - SEC-15-BES-2017: **Risk-based screening at border crossing**
 - Social media networking generation of insights to build risk of a person at a border crossing.
 - SEC-07-FCT-2016-2017: **Human Factor for the Prevention, Investigation, and Mitigation of criminal and terrorist acts**
 - Analysis of social media and generation of a technical toolkit to test more social-oriented topics.
 - SEC-10-FCT-2017: **Integration of detection capabilities and data fusion with utility providers' networks**
 - SEC-17-BES-2017: **Architectures and organizations, big data and data analytics for customs risk management of the international goods supply chain trade movements**
 - Application of IoT and sensor analytics and fusion (based on results of projects FP7 ARGOS and ARTEMIS DEWI) to generate interoperable data on the utilities/supply good chains and generation of anomaly detectors or prediction models.



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