



SMARTPREVENT

**Smart Video-Surveillance System to Detect and Prevent Local Crimes
in Urban Areas
606952**

D7.11 Project brochure & Project website

**Lead Author: Sergio García Álvarez
With contributions from: Treelogic
Reviewer: Marcos Sacristán Cepeda**

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Abstract

This deliverable defines the main sections and characteristics of both the public website [1] available at <http://www.smartprevent.eu> and the administration tools for the private collaborative website [2] of the SmartPrevent Project. . It also described the project brochure created to disseminate SmartPrevent project.

The main objective of this website is to give up-to-date information on the project development and host relevant results and reports including news, public deliverables, research publications, dissemination material and project events.

Interested parties will be able to contact with the partners of the SmartPrevent consortium, to ask for further information and to perform inquiries through the website.

Executive summary

This document provides a summary of the design and implementation of the SmartPrevent project website as well as the SmartPrevent brochure.

Firstly, the document includes a description of the navigation map of the public website. The actual website is available at <http://www.smartprevent.eu>

The website is hosted by the project coordinator Treelogic and includes the following sections:

- Home.
- Project description
 - Scientific & Technical objectives
 - Work packages
- Consortium
- News and events
- Documents
 - Public deliverables
 - Publications
 - Dissemination material
- Contact
- Login

Secondly, it is detailed the brochure designed for dissemination activities concerning conferences, workshops, seminars, etc. This leaflet summarizes the main objectives and scope of the project.

Finally, a content management system (CMS) is used as private section for sharing and updating information and documents of SmartPrevent Project.

Document Information

IST Project Number	606952	Acronym	SmartPrevent
Full Title	Smart Video-Surveillance System to Detect and Prevent Local Crimes in Urban Areas		
Project URL	http://www.smartprevent.eu/		
Document URL			
EU Project Officer	Mr. Francesco LORUBBIO		

Deliverable	Number	D7.11	Title	Project Brochure & Project Website
Work Package	Number	WP7	Title	Dissemination and exploitation

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Authors (Partner)	Treelogic S.L.			
Responsible Author	Name	Sergio García Álvarez	E-mail	sergio.garcia.alvarez@treelogic.com
	Partner	Treelogic S.L	Phone	+34 985966136

Abstract (for dissemination)	This deliverable defines the main sections and characteristics of both the public website available at http://www.smartprevent.eu , the administration tools for the private collaborative management and the brochure document of the project. The main objective of this website is to give up-to-date information on the project development and host relevant results and reports including news, public deliverables, research publications, dissemination material and project events. The SmartPrevent brochure will use in Conferences, workshops and similar events to promote the project.
Keywords	Website, brochure, CMS

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1 Introduction

This report is part of WP7 “Dissemination and exploitation” and is directly related with task 7.1 Dissemination. The document outlines the activities that have been performed all along the first months of execution of SmartPrevent Project.

This deliverable provides a report on the developments carried out to implement the website for the SmartPrevent project. The target audience of this deliverable is the SmartPrevent Consortium, the European Commission and third parties interested in the results of the project such as local and national governments.

The deliverable “D7.11 – Project brochure & Project website” is organized as follows: first chapter describes an introduction of the deliverable and the target audience, chapter two describes the structure of the website and the content that will be hosted, chapter three explains the technologies used to implement the website and chapter four explains the design and dissemination of project brochure. Finally, the Content Management System (CMS) is described in chapter five and conclusions are summarized in chapter six.

The website is hosted by Treelogic as part of their dissemination activities. It is divided in private and public sections. The public section is accessible to everyone and shows general information about the project, its objectives, work package descriptions, partners of the consortium and all the remarkable news and events related to the execution of the project. Regarding the private section, it is only available for the coordinator of the consortium and it allows the management and edition of the public sections of the website. In the same way, Treelogic is in charge of brochure’s design carried out by its own Design Team.

Moreover, there is an external private section to access to the Content Management System (CMS) of the project, in which are hosted all the work and administrative documents of the project that are private and for the internal use of the consortium.

2 Website structure

The website includes the following sections:

- Home.
- Project description
 - Scientific & Technical objectives
 - Work packages
- Consortium
- News and events
- Documents
 - Public deliverables
 - Publications
 - Dissemination material
- Contact
- Login

2.1 Home

In this section is detailed the R&D challenges that the SmartPrevent project intends to face up. It is also shown a summary project fiche and the latest news related to the project.

SMART PREVENT

HOME PROJECT DESCRIPTION CONSORTIUM NEWS AND EVENTS DOCUMENTS CONTACT LOGIN

SmartPrevent

Current video-surveillance systems in urban scenarios are very limited and only consist in a presentation of the visual information captured by the visual sensors network, not oriented to end-users, that limiting thus the capacity to help and prevent the criminal activity. Furthermore, the visual-surveillance systems usually do not have any automatic process to store the more relevant evidences to be used in the legal punitive process of the criminals.

SmartPrevent proposes to address this challenge by:

- Studying the characteristics of frequent criminal activities in real urban scenarios including typical variations and unanticipated criminal situations.
- Developing a low-cost adaptive video-surveillance system in order to detect and prevent criminal activities.
- Building a video-surveillance system as punitive tool in order to store the most relevant evidences of the detected criminal activities.

Project Fiche

TOPIC
SEC-2013.7.2-1. (No. 606952)

FULL NAME
Smart Video-Surveillance System to Detect and Prevent Local Crimes in Urban Areas.

DURATION
24 Months.

CONSORTIUM
Treelogic Telemática y Lógica Racional para la Empresa Europea S.L.
Coordinator

Queen Mary and Westfield College
University of London
Disseminator

Vision Semantics Limited
Technical Manager

Emza Visual Sense Ltd.
Quality Manager/Integrator

Ayuntamiento de las Rozas de Madrid
End-user

Ankara Strateji Enstitusu Dernegi
Ethical Manager

News +

2.2 Project description

The project description page describes the scientific and technical objectives of the SmartPrevent project. Furthermore, each work package is detailed showing its particular objectives and expected outcomes.

PROJECT DESCRIPTION

- SCIENTIFIC & TECHNICAL OBJECTIVES
- WORK PACKAGES

Scientific & Technical Objectives

01 Video-surveillance system oriented for end-users

02 Crime prevention over persons and local businesses in urban areas

03 Detection of crime on persons and local businesses in urban areas

04 Video-surveillance system as effective and efficient punitive tool that protects people's privacy

05 Temporal and spatial adaptability

06 Low-cost video-surveillance system

RESEARCH OBJECTIVES

- 01 Detection of crime on persons and local businesses in urban areas.
- 02 Crime prevention over persons and local businesses in urban areas.
- 03 Video-surveillance system oriented for end-users.
- 04 Video-surveillance system as effective and efficient punitive tool that protects people's privacy.
- 05 Temporal and spatial adaptability.
- 06 Low-cost video-surveillance system.

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The research leading to this results has received funding from the European Union Seventh Framework Programme (FP7/2007-2013) under agreement n° 606952

2.3 Consortium

This page gets a brief description of each partner and defines the technical role within the project.

CONSORTIUM

trealogic Queen Mary University of London visio semantics

MEMBER STATES ASSOCIATED STATES CANDIDATES STATES

QMUL

Queen Mary University of London

As part of the federal University of London, Queen Mary University of London (QMUL), founded in 1785 with roots back to 1123, is one of the largest multi-faculty higher education institutions in London.

The School of Electronic Engineering and Computer Science at QMUL is internationally renowned. It has been continuously at the cutting edge of Computer Science for over 40 years, being the first such department in the UK to offer degree courses in Computer Science in 1988.

ROL
Human Activity Recognition Expert
Disseminator

CONTACT
Shaogang (Sean) Gong
sgg@ee.cs.qmul.ac.uk

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2.4 News and events

Information for the media, press releases and relevant events that affects to the development of the project.

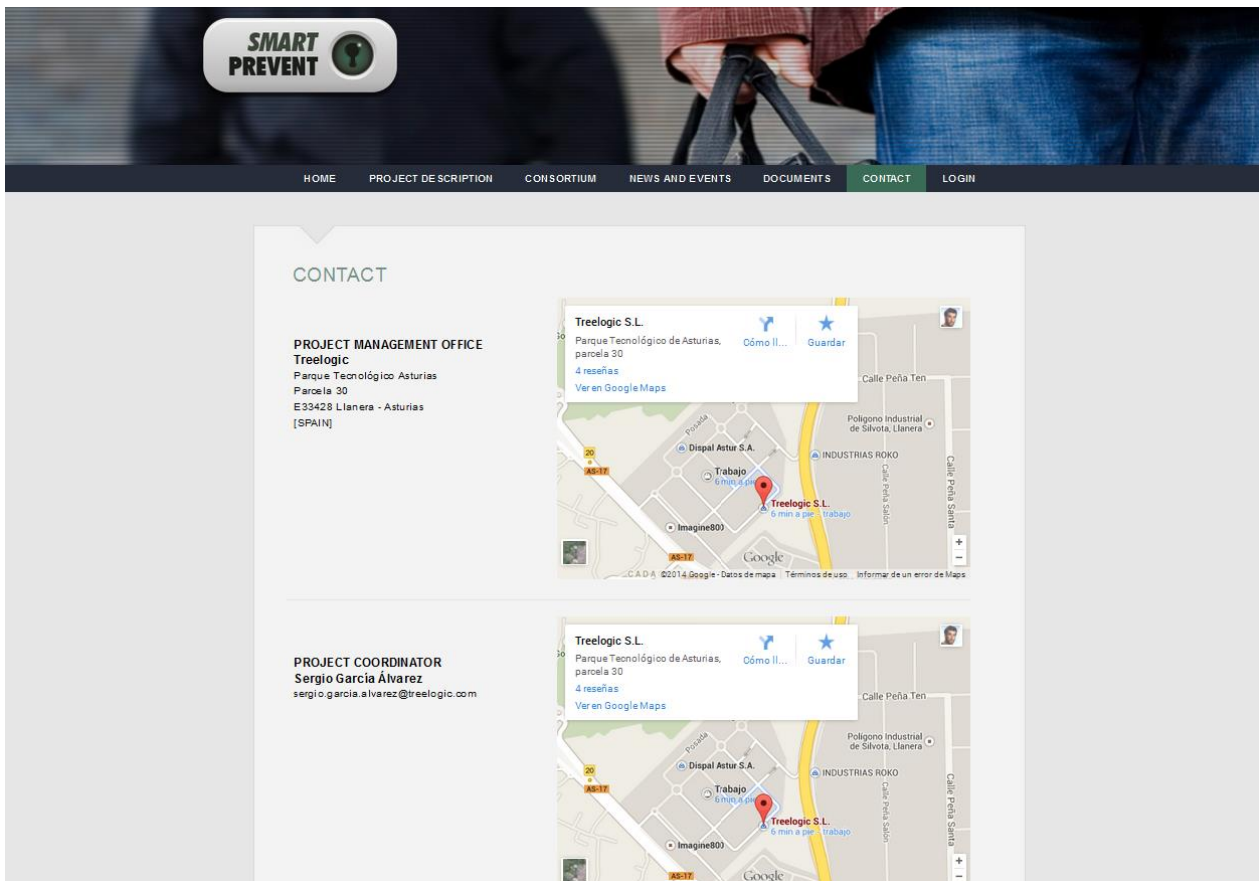
2.5 Documents

This page is divided in three subsections as follows:

- Public deliverables: section hosting all the public deliverables of the project. These will be released in the delivery date agreed in the DoW
- Publications: this section will host information about the publications in professional journals, magazines, workshops and scientific conferences.
- Dissemination material: all the material used to promotion the project will be available in this subsection such as the SmartPrevent Brochure.

2.6 Contact

This page holds contact information of the project management office.



2.7 Login

The admin can introduce her/his access data to log in the private website. Whether the user log in the private area, she/he is able to edit all the website sections and add news, events and documents.

3 Technical Information

Basic characteristics about the implementation of the website are shown in the following list:

- Drupal 7.12 [3] was the CMS used to implement the public website.
- It is recommended the PHP version 5.3 [4]. The website works with PHP version 5.2.5 or higher.
- It is recommended the MySQL version 5.0.15 [5] or higher.
- It is recommended the Apache server 1.3, 2.x [6] or Microsoft IIS [7].

A minimum base installation requires at least 15 MB of disk space, although it is assumed that the actual disk space needs will be much larger.

4 SmartPrevent Brochure

A main objective to be reached, beyond of dissemination action held by website, is the promotion of the project at different events. The primary aim of the brochure is to provide a well understanding of scope and main features of the project. Target public of this document are group of disseminations, scientific audiences and relevant stakeholders within exploitation market. Plan of dissemination is including several actions such as preparation of seminars, attending to specialized fairs, and other marketing actions.

Annex I shows SmartPrevent Brochure

5 Project Content Management System

Because of the large amount of documentation that is expected to be created during the 24 months of execution, a content repository was deemed to be a good tool to allow storing and uploading/downloading reports, deliverables, meeting minutes and others. Alfresco [2] is used by Treelogic with the purpose of sharing all those documents among the partners in a friendly way.

In order to access to Alfresco, each participant received a username and password to log in. In the same manner, the coordinator sent them the manual of user where some of the common actions (edition, upload, download, and update) were explained.

A screenshot of the space that was created for SmartPrevent is shown in below Figure. This is organised in five different categories:

- **Management:** this includes administrative and final technical documents like:
 - o Contractual documents: Consortium Agreement, Grant Agreement, Description of Work.
 - o Administrative documents: financial reports, transfer receipts, bank account information.
 - o Technical documents: deliverables, reports
- **Workspace:** a common space for those activities in which different partners work simultaneously. This is useful to share draft documents, references, images and any type of information of interest.
 - o Deliverables: this includes the final version together with other preliminary versions of each deliverable.
 - o Dissemination: this folder is devoted to store information and reports about potential applications and papers that have been submitted for publication.
 - o Project meetings: a different folder is assigned to each meeting. Inside, apart from the agenda and the meeting minutes, the contributions from the partners can be found.
 - o Other documents: it contains pieces of news, technical articles from international magazines, conferences, etc.
 - o Templates: there are three different templates to be utilised for deliverables, meeting minutes and presentations. Additionally, all the logos (project, partners and funding bodies) can be downloaded from this subspace.
- **Review Material:** this includes information and documents of mid-term reports.
- **Project officer:** this includes the documents to share with the Project officer of SmartPrevent.
- **Monitoring:** this includes a coordinator's private folder to control the project.



6 Conclusions

The SmartPrevent project website development has been finished on May 18th 2014, is hosted in the facilities of Treelogic and is available at <http://www.smartprevent.eu>

The website currently has seven public pages and an administrative tool to edit the website content. The website will be updated frequently. Additionally, a Content management system is configured hosting all the confidential documents of the project. Finally, a brochure has been designed to promote the project.

References

- [1] <http://www.smartprevent.eu>
- [2] <https://labs.treelogic.com/alfresco/faces/jsp/login.jsp>
- [3] Drupal – Open Source CMS. Available at (6 May 2014): <http://drupal.org>
- [4] PHP 5.3.0 Release Announcement. Available at (6 May 2014): http://php.net/releases/5_3_0.php
- [5] MySQL. Available at (6 May 2014): <http://dev.mysql.com/downloads/mysql/5.0.html>
- [6] Apache – HTTP Server Project. Available at (6 may 2014): <http://httpd.apache.org/>
- [7] IIS. Available at (6 May 2014): <http://www.iis.net>

Annex I



CONSORTIUM



TYPE OF PROJECT



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 606952.

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The *SmartPrevent* project focuses on the **detection and prevention** of frequent petty crimes that are of **high impact** to local communities and citizens in urban scenarios, considered to be a **low-cost** video-surveillance system oriented to end-users.

PROJECT DESCRIPTION



Current video-surveillance systems in urban scenarios are very limited and only consist in a presentation of the visual information captured by the visual sensors network, not oriented to end-users, that limiting thus the capacity to help and prevent the criminal activity.

Furthermore, the visual-surveillance systems usually do not have any automatic process to store the more relevant evidences to be used in the legal punitive process of the criminals.

SmartPrevent proposes to address this challenge by:

- **Studying** the characteristics of frequent criminal activities in real urban scenarios including typical variations and unanticipated criminal situations.
- **Developing** a low-cost adaptive video-surveillance system in order to detect and prevent criminal activities.
- **Building** a video-surveillance system as punitive tool in order to store the most relevant evidences of the detected criminal activities.

OBJECTIVES

01 | **Detection of crime** on persons and local businesses in urban areas.

02 | **Crime prevention** over persons and local businesses in urban areas.

03 | **Video-surveillance system** oriented for end-users.

04 | Video-surveillance system as **effective and efficient punitive tool** that protects people's privacy.

05 | Temporal and spatial **adaptability**.

06 | **Low-cost** video-surveillance system.