



D7.1

Project leaflet and portal

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Abstract	This deliverable documents the creation of the first version of the project leaflet and the project web portal. Of course both the leaflet and the portal will be updated during the project lifetime, to document progress and tailor the message to the various project phases.
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Change Log

Version	Date	Note	Author
v1.0	9.2.2014	first version	A. Lioy



Executive Summary

This deliverable documents the creation of the first version of the project leaflet and the project web portal.

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1 Introduction

This deliverable is a sort of “dummy” one as its purpose is only to officially document the availability of the initial versions of both the project leaflet and web portal.

2 Project leaflet

The project leaflet will be used in dissemination events to provide interested parties with base information about the project objectives and technical approach, as well as the Consortium members and the contact points.

The first page of the leaflet is shown in Fig. 2, while the second page is in Fig. ??.

The most recent version of the project leaflet will always be available at the project portal in the “documents” section.

3 Project portal

The project web-based portal is available at the following URI:

<http://www.secured-fp7.eu/>

A snapshot of the home page is given in Fig. 3.



SECURED

SECURITY at the network Edge



Motivation

People use different networked devices in their everyday activities, including tablets, computers, and smartphones, but also interact with smart-objects and Internet-of-Things elements.

However, **all these devices – and hence their users – do not experience coherent and robust protection** from network threats as they have different capabilities, architectures and available applications.

Objectives

SECURED will offer consistent protection by **offloading security applications** from the end-point devices to a trusted and secure node at the edge of the network.

Additionally it will establish the conditions for a **marketplace of security applications**, to stimulate innovation and competition.

Expected results

SECURED will design an integrated architecture for providing consistent protection to end users, independently from the terminal they use and their network technology and location.

This will be enabled by novel protocols and personal security mechanisms, in a general framework of network functions virtualization.

Open-source proof-of-concept prototypes will be developed and used for evaluation in near real-life pilots.

Technical approach

The SECURED work plan focuses on three main components: a novel class of network devices, user-oriented security policies, and policy-driven applications.

A trusted and secure **Network Edge Device (NED)** is charged with execution of the security software selected by the end users for their protection. The NED exploits various trust technologies to provide users with strong guarantees about the software executed at this node. Security and privacy are guaranteed also by technologies that offer no possibility for intercepting or modifying the user's traffic before it's processed by the NED.

Security policies will offer also to non-experienced users the ability to configure the desired level of protection through human-friendly paradigms (e.g. web interfaces, high-level languages). User policies are then automatically mapped to the appropriate security configuration.

User-selected **policy-driven security applications** will be executed on the NED to enforce the desired level of protection according to the user policy. APIs for the independent development of security applications will be provided, along with an open web-based marketplace for such applications.

Validation is foreseen with users selected among the partners' customers. However validation of the SECURED architecture with different use cases or technologies is welcome: interested parties are invited to contact the Coordinator.

Figure 1: First page of the project leaflet.

Fact sheet	
Duration: October 2013 – September 2016 Funding scheme: STREP Total cost: 4.1 M € EC contribution: 2.7 M € Contract number: 611458 Project website: www.secured-fp7.eu	Project Coordinator Prof. Antonio Lioy Politecnico di Torino, Italy Tel: +39 011-090-7021 Fax: +39 011-090-7099 Email: coordinator@secured-fp7.eu

Partners

The consortium includes 7 partners from 5 different countries, with a good mix of leading research universities, major ICT companies, and user representatives.





1
Politecnico di Torino
(Torino, Italy)



2
Hewlett-Packard Limited
(Bristol, United Kingdom)



3
Primetel
(Limassol, Cyprus)



4
Telefónica Investigación y Desarrollo (Madrid, Spain)



5
United Nations Interregional Crime and Justice Research Institute (Torino, Italy)



6
Universitat Politècnica de Catalunya (Barcelona, Spain)



7
VTT Technical Research Centre of Finland (Oulu, Finland)

Figure 2: Second page of the project leaflet.



The screenshot shows a web browser window titled "The SECURED project (SECURITY at the network EDge) — SECURED (SECURITY at the network EDge) - SeaMonkey". The browser's address bar shows the URL "The SECURED project (SECURITY at the n...". The page content includes:

- Header:** "SECURITY at the network EDge" logo and title, a "Log in" button, and a search box with the text "Search Site" and a "Search" button. A checkbox labeled "only in current section" is present below the search box.
- Navigation:** A menu with "Home" (selected), "About", and "Documents".
- Breadcrumbs:** "You are here: Home".
- Main Content:**
 - Section Header:** "The SECURED project (SECURITY at the network EDge)".
 - Text:** "Protection of mobile devices from Internet threats is usually achieved by installing appropriate tools (e.g. anti-virus, personal firewall, parental control) on each device. However, this poses several issues: it requires privileged access on the device, appropriate protection tools may not exist on all the platforms or their capabilities may vary greatly across the different devices, and tools may consume too many resources." A large "SECURED" logo is positioned to the right of this text.
 - Text:** "This results in ineffective or inconsistent protection for the users that will experience wide variation in security when using different devices and/or networks (for example, typically WiFi access inside a corporate network is protected by a border firewall while this is not the case for a 3G network)." A large "SECURED" logo is positioned to the right of this text.
 - Text:** "The SECURED project proposes an **innovative architecture** to achieve protection from Internet threats by offloading execution of **security applications** into a programmable device at the edge of the network such as a **home gateway** or an **enterprise router**." A large "SECURED" logo is positioned to the right of this text.
 - Link:** "Read more ..."
- News Section:**
 - SECURED 2nd meeting @ Madrid (January 21-13, 2014)** - Jan 17, 2014
 - SECURED @ Cybersecurity Clustering Workshop (Brussels, 12/12/2013)** - Dec 12, 2013
 - SECURED survey is on-line** - Nov 26, 2013
 - [More news...](#)
- Footer:**
 - Logos for the European Union and the Seventh Framework Programme.
 - Text: "SECURED is a project funded by the European Commission under FP7 (grant agreement no. 611458)." and "SEVENTH FRAMEWORK PROGRAMME".
 - Text: "Powered by Plone & Python".
 - Links: "Site Map", "Accessibility", "Contact".

Figure 3: Snapshot of the portal home page.