Original Citation:
Lioy, Antonio; Bosco, Francesca; Risso, Fulvio Giovanni Ottavio; Smiraglia, Paolo (2014). D7.1 - Project leaflet and portal. deliverable of the SECURED project.

Availability:
This version is available at: http://porto.polito.it/2650350/ since: September 2016

Publisher:
deliverable of the SECURED project

Published version:
DOI: 10.5072/polito/porto/2650350

Terms of use:
This article is made available under terms and conditions applicable to Open Access Policy Article ("Creative Commons: Attribution-Noncommercial 3.0"), as described at http://porto.polito.it/terms_and_conditions.html

Porto, the institutional repository of the Politecnico di Torino, is provided by the University Library and the IT-Services. The aim is to enable open access to all the world. Please share with us how this access benefits you. Your story matters.

(Article begins on next page)
# D7.1
## Project leaflet and portal

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project number</strong></td>
<td>611458</td>
</tr>
<tr>
<td><strong>Project acronym</strong></td>
<td>SECURED</td>
</tr>
<tr>
<td><strong>Project title</strong></td>
<td>SECURity at the network EDge</td>
</tr>
<tr>
<td><strong>Project duration</strong></td>
<td>36 months (1/10/2013–30/9/2016)</td>
</tr>
<tr>
<td><strong>Programme</strong></td>
<td>FP7 (Collaborative Project)</td>
</tr>
<tr>
<td><strong>Deliverable type</strong></td>
<td>R - Report</td>
</tr>
<tr>
<td><strong>Deliverable number</strong></td>
<td>D7.1</td>
</tr>
<tr>
<td><strong>Version (date)</strong></td>
<td>v1.0 (9.2.2014)</td>
</tr>
<tr>
<td><strong>Work package(s)</strong></td>
<td>WP7</td>
</tr>
<tr>
<td><strong>Due date</strong></td>
<td>31.12.2013 – M3</td>
</tr>
<tr>
<td><strong>Responsible organisation</strong></td>
<td>POLITO</td>
</tr>
<tr>
<td><strong>Editor</strong></td>
<td>A. Lioy</td>
</tr>
<tr>
<td><strong>Dissemination level</strong></td>
<td>PU - Public</td>
</tr>
</tbody>
</table>

**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.

**Keywords**

dissemination, web presence
Acknowledgement
This work was partially supported by the European Commission (EC) through the FP7-ICT programme under project SECURED (grant agreement no. 611458).

Disclaimer
This document does not represent the opinion of the EC and the EC is not responsible for any use that might be made of its content. The information in this document is provided “as is”, and no guarantee or warranty is given or implied that the information is fit for any particular purpose. The user thereof uses the information at its sole risk and liability.
# Change Log

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Note</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>v1.0</td>
<td>9.2.2014</td>
<td>first version</td>
<td>A. Lioy</td>
</tr>
</tbody>
</table>
Executive Summary

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.
Contents

1 Introduction 1
2 Project leaflet 1
3 Project portal 1
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 in 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.
**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.
The consortium includes 7 partners from 5 different countries, with a good mix of leading research universities, major ICT companies, and user representatives.

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.
Figure 3: Snapshot of the portal home page.