



Trust Case Toolbox (TCT) usage questionnaire

If you need more space to express your opinion, feel free to expand the cells of the questionnaire

Part 1 – Context of usage			
<i>Date of filling the Questionnaire:</i>	31.03.2009		
<i>Organization (name and address):</i>	Telecom Italia S.p.A. - Strategy & Innovation Research & Trends via G. Reiss Romoli 274 I-10148 TORINO (Italy)		
<i>The person filling the Questionnaire</i>			
<i>Name:</i>	<i>E-mail contact:</i>	<i>Position:</i>	
Pierangelo Garino	pierangelo.garino@telecomitalia.it Tel: +39 011 228 7142	Coordinator of ANGEL Project	
<i>Period of usage</i>	<i>From:</i>	Jun. 2006	<i>To:</i> March 2009
<i>For what purpose TCT tool was used:</i>			
<p>The ANGEL project was focusing on development of innovative platform for Wireless Sensor Networks applications with particular focus on healthcare and lifestyle supporting applications in home environment. In addition to the platform the project developed a series of prototypes demonstrating feasibility and the added value brought by the applications based on ANGEL platform. Among the primary focuses of the project were quality aspects related to the platform and the applications with particular stress on user's safety and privacy and on security of information maintained by the platform and applications.</p> <p>Trust cases and the related TCT tool developed by the team from Gdansk University of Technology led by professor Janusz Gorski were successfully used to analyze and to justify the above quality aspects for both, the platform and the demonstrator applications. The TCT tool provided for visualization and communication of the trustworthiness arguments to different recipients, including the development team members, external public and external reviewers.</p>			
<i>If the work was conducted as part of a formal project, please specify the project:</i>			
STREP Project ANGEL (IST-FP6-033506 full title: Advanced Networked embedded platform as a Gateway to Enhance quality of Life) of the 6 th Framework Programme of the European Commission.			

Part 2 – General opinion	
<i>What is your general opinion about TCT and the added value provided by it:</i>	
<i>Very useful</i>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <i>Not useful at all</i>
<i>Comments:</i>	
<p>In ANGEL, several trust cases have been developed and maintained. They were related to different quality aspects (safety, privacy and security) and were focusing on the ANGEL platform and on the prototype applications based on the platform. The trust cases represented arguments integrated with the evidence supporting these arguments and communicated in a</p>	

clear way if and why the platform and the applications should be considered trustworthy from the given perspective (safety, privacy, security). The argument assessment mechanism included in the TCT tool provided for having the arguments appraised by independent experts and the visualization functionality provided for effective communication of the assessment results.

Of particular interest were the trust cases developed for analyzing the privacy aspects, where the supporting evidence was coming from the privacy demonstrator developed by the team of Gdansk University of Technology.

The official recognition of the value added by this contribution is visible in the following citation from the report resulting from the final assessment of ANGEL project by the team of experts appointed by the European Commission:

The ANGEL project has successfully developed a platform for building heterogeneous systems in which wireless sensors can be coupled with a gateway to improve the quality of life in common habitats (home, car, city environment). Its strengths are support for privacy, open architecture for offering remote services and low power consumption. The ANGEL results have potential for exploitation, mainly in the area of personal health and wellbeing

Part 3 – Free comments

Any additional comments:

The ANGEL experience shows that the adoption of tools like TCT should be encouraged since the early stages of the development of a system where safety, privacy and security are fundamental requirements. This favours the emerging of awareness in system designers about such requirements, which sometimes tend to be less considered with respect to technological aspects; the approach can help in taking them properly into account in all the design phases.