

D10.1 Intermediate report about all external cooperation and activities

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Abstract	This deliverable summarises the external cooperation and activities undertaken by the OpenTC partners during the first six months of the project, and planned for the remainder of the project.
Keywords	external cooperation, external activities

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1 Introduction

The ambitious goals and the critical role of the OpenTC project makes cooperation with external bodies and organisations, and participation in public and scientific events, essential in order to ensure its success. The following cooperation activities have been identified:

- Interaction with and contribution to standardisation bodies to help in the establishment of new standards;
- Dissemination of project activities and the innovative solutions developed within the project to expert and non-expert audiences;
- Development of training concepts and materials to ensure direct know-how transfer to the users;
- Organisation and maintenance of an informed dialogue about the benefits and drawbacks of Trusted Computing (TC), and the OpenTC approach in particular, and of its applications such as DRM, with stakeholders, a variety of different user groups, and citizens.

1.1 Technikon's coordination task

Technikon, as the coordinator of the project, has performed a wide variety of dissemination activities during the first six months. Technikon prepared the official press release for the OpenTC project, correlate it with all partners and published it on the project website. Furthermore Technikon set up the public project website (www.opentc.net), including a secured internal section to facilitate cooperation and communication. The project website has been designed to be easily accessible and give an introduction to the project. It provides information for interested visitors and can also be used for project-internal communication and cooperation. Technikon has also provided templates for presentations made by the partners as well as a general presentation about the OpenTC project which can be used by all the partners.

Technikon personnel also established links with the newly labelled Medea+ project Trusted Secure Computing (TSC, Label number 2A502), and have participated as the OpenTC liaison in the first TSC correlation meeting in Paris in January 2006.

1.2 Structure of this document

Section 2 of Deliverable D10.1 lists the dissemination activities undertaken by the OpenTC partners during the first six months of the project. A review of collaboration with other projects is provided in Section 3, and collaborations planned for the remainder of the project are given in Section 4. Section 5 gives a list of abbreviated partner names, used throughout this document.

The various activities have been divided into four groups and each activity is described in the form of a table. The tables used for each group are described in the subsequent sections.

1.3 Conferences or public discussions and talks

Two types of tables are used to describe involvement in conferences and other fora. One is used where a member of the project team is actively involved (e.g. providing a talk, participating in a panel session, etc.), and is presented in Section 1.3.1. The other type is where the team member is taking a more passive role (e.g. as an attender), presented in Section 1.3.2.

1.3.1 Active role (speaker, presenter, moderator)

Name of the event	<official name>
Date	
Place	<Name and country>
Organisation and number of participants	<short name, number of participants>
Content of presentation/talk	<short abstract>
Hyperlink to conference website	
Outcome	<press release, cooperation etc.>

1.3.2 Passive role (attendee)

Name of the event	<official name>
Date	
Place	<Name and country>
Partner	<short name>

1.4 Articles in journals and magazines, papers, electronic publications

The following form is used to report publications by members of the project team.

Date	
Name	
Spread	<regional, national, international>
Content	<interview about..., official OTC press release, press release about...>
Partner	<short name>

1.5 Cooperation with external organisations

The following form is used to report collaborations with external organisations.

Workpackages	
OpenTC partner	
External organisation(s)	
Type of activity, date and duration	< meeting, workshop >
Objectives	
Resources	
Actions	
Outcome	

2 Dissemination activities in the first six months

Following the categorisation presented in section 1, we list hereafter the dissemination activities undertaken by the project partners during the first six months of the project.

2.1 Conferences or public discussions and talks

Public presentations given by partners of the OpenTC are described below.

2.1.1 Active role (speaker, presenter, moderator)

Name of the event	Free Software and Open Source Days
Date	09/02/2006
Place	Bigli University, Turkey
Organisation and number of participants	PORT (Bora Güngören)
Content of presentation/talk	<p>This 1-hour presentation was given in Turkish and discussed issues of privacy and anonymity, with details on Direct Anonymous Attestation and Enforcable Policies. Questions were asked mainly about TPM-based user identification, and roots of trust.</p> <p>Bilgi University "Free Days" is one of the two largest open source events in Turkey. It hosts international contributions and this year's invited guests were Ian Murdock (founder of Debian Linux distribution) and Branden Robinson (current Debian project leader).</p>
Hyperlink to conference website	<p>http://open.bilgi.edu.tr/freedays/program.php?lang=en</p> <p>Official photos from the event can be seen at: http://open.bilgi.edu.tr/freedays/photos/album0/</p>
Outcome	Raised awareness about Trusted Computed and corrected misconceptions about TC and DRM in the Turkish Open Source community

Name of the event	Computer Center Executives Conference
Date	06-09/04/2006
Place	Antalya, Turkey
Organisation and number of participants	TUB (Görkem Çetin)
Content of presentation/talk	A 20 minute seminar about 3 promising and upcoming new technologies, including Trusted Computing and Linux

Hyperlink to conference website	http://bimy.tbd.org.tr
Outcome	Awareness of OpenTC among business partners (including Microsoft, Fujitsu-Siemens, IBM and Oracle), attendance was around 400 people

Name of the event	Workshop “Fostering a European academic research environment for Trusted Computing” organised by the British CESG and German BSI
Date	20-21/02/2006
Place	Bonn, Germany
Organisation and number of participants	RHUL, RUB, TUD, HP, CUCL, 9 people
Content of presentation/talk	HP took part in the organisation of the workshop, while presentations were given by RHUL (Using mobile devices in a secure environment), RUB (A Security Architecture for Enforcement and Transfer of Licenses) and CUCL (The Xen Project)
Hyperlink to conference website	
Outcome	Knowledge of the public sector requirements regarding TC, dissemination of OpenTC work, participation in a European working group on TC First European summer school on Trusted Infrastructure technologies in Oxford (see Section 4.4)

Name of the event	1 st Workshop on the Advance in Trusted Computing
Date	09/03/2006
Place	Tokyo, Japan
Organisation and number of participants	IBM (Matthias Schunter)
Content of presentation/talk	Trusted Computing and Open TC
Hyperlink to conference website	http://www.research.ibm.com/trl/news/workshop/index_en.html
Outcome	Both projects aim at Open Source trusted computing solutions. As a consequence, we agreed that we will try to set up a closer collaboration. We plan to exchange technical specifications and we have issued an invitation to

	the Japanese researchers to join our September general assembly
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Name of the event	Infosecurity Europe
Date	26/04/2006
Place	London, UK
Organisation and number of participants	HP (1)
Content of presentation/talk	Open Trusted Computing
Hyperlink to conference website	http://www.infosec.co.uk
Outcome	Conference for information security professionals

Name of the event	Linux Users Association, Internet Association
Date	09-11/02/2006
Place	Pamukkale University, Turkey
Organisation and number of participants	PORT (Bora Güngören)
Content of presentation/talk	<p>1-hour presentation (in Turkish) on Trusted Computing and Linux.</p> <p>The Academic Computing Conference is one of the major academic IT events in Turkey. It is not dominated by product presentations but by universities.</p>
Hyperlink to conference website	http://ab.org.tr/ab06/
Outcome	Awareness of Trusted Computing and OpenTC among external entities, around 50-60 people mainly from government offices and universities

Name of the event	Linux Users Association
Date	08/04/06
Place	Yeditepe University, Turkey
Organisation and number of participants	PORT (Bora Güngören)
Content of presentation/talk	This 1-hour presentation was given (in Turkish) on how security products would evolve to make

	further use of TC in their design and implementation.
Hyperlink to conference website	http://open.yuenc.org/
Outcome	Awareness of OpenTC among external entities, around 30 people, mostly open source developers, Linux based firms (UEKAE, Gelecek, Novell Turkey, IBM Turkey, Armador OS) and computer science students

Name of the event	Informatik Kolloquium
Date	11/11/2005
Place	Koblenz University, Germany
Organisation and number of participants	TUD (1)
Content of presentation/talk	Overview of the Nizza Security Architecture
Hyperlink to conference website	http://www.uni-koblenz.de/ifi/kolloquium/
Outcome	

Name of the event	CollaborateCom
Date	19-21/12/2005
Place	San Jose, USA
Organisation and number of participants	TUD (1)
Content of presentation/talk	Presented the paper "The Nizza Security Architecture"
Hyperlink to conference website	http://www.collaboratecom.org/2005/
Outcome	

Name of the event	EuroSys
Date	18-21/04/2006
Place	Leuven, Belgium
Organisation and number of participants	TUD (3)
Content of presentation/talk	Presented the paper "Reducing TCB Complexity for Security-Sensitive Applications"

Hyperlink to conference website	http://www.cs.kuleuven.ac.be/conference/EuroSys2006/
Outcome	

Name of the event	Brainshare 2006
Date	March 19-24
Place	Salt Lake City, Utah
Organisation and number of participants	SUSE (1)
Content of presentation/talk	Introduction into the OpenTC project, its goals, technical principles, and the consortium
Hyperlink to conference website	http://www.novell.com/brainshare
Outcome	Awareness of OpenTC among representatives from the broad Novell partnership landscape

Name of the event	ISESTORM
Date	07/04/2006
Place	Barcelona, Spain
Organisation and number of participants	ISE, BSI, La Salle University
Content of presentation/talk	Open Trusted Computing as part of Security Analysis certification background knowledge
Hyperlink to conference website	http://www.isestorm.org/
Outcome	Found 2 volunteers and workers for the project

Name of the event	2nd International Conference on Global e-Security
Date	20/04/2006
Place	London, UK
Organisation and number of participants	University of East London (Docklands)
Content of presentation/talk	Open Trusted Computing as part of ISECOM solutions for present day problems
Hyperlink to conference website	http://www.isestorm.org/
Outcome	Found 2 volunteers and workers for the project

2.1.2 Passive role (attendee)

Name of the event	XEN Summit
Date	17-18/01/2006
Place	Austin, Texas, USA
Partner	AMD
Hyperlink to conference website	http://www.xensource.com/company/xensummit.html

2.2 Articles in journals and magazines, papers, electronic publications

Date	24/02/2006 and 01/03/2006
Name	Newsletter "Monitor" of the EU-funded project Indicare available at indicare.org
Spread	International
Content	Analysis and discussion of TC, and presentation of OpenTC views
Partner	Articles have been written by TUM (Schreiner et al.), HP (Kuhlmann) and ITAS (Weber/Weber)

Date	29/03/2006
Name	Security Focus http://www.securityfocus.com/columnists/395
Spread	International
Content	"Open source security testing methodology" Interview where OpenTC is explained as an ISECOM project
Partner	ISE (Pete Herzog)

Date	24/03/2006
Name	Turkish Linux Journal "Pengence"
Spread	National (Turkey)
Content	The article was requested to clear out TC and DRM related issues. The article has

	been read online more than 150 times and downloaded more than 1000 times, see http://penguence.linux.org.tr
Partner	PORT (Bora Güngören)

Date	10/2005
Name	Wirtschaftsnachrichten Süd (News Paper)
Spread	National (Germany)
Content	Press article about the content of the OpenTC project
Partner	TEC

Date	02/2006
Name	Kleine Zeitung (Newspaper)
Spread	Regional (Austria/Carinthia)
Content	Press article about the content of the OpenTC project
Partner	TEC

Date	02/2006
Name	Kärntner Wirtschaftskammer (Electronic publication)
Spread	Regional (Austria/Carinthia)
Content	Press article about the content of the OpenTC project
Partner	TEC

Date	02/2006
Name	Advantage (Electronic publication)
Spread	Regional (Austria/Carinthia)
Content	Press article about the content of the OpenTC project
Partner	TEC

Date	02/2006
Name	Economy (Magazine)

Spread	Regional (Austria/Carinthia)
Content	Press article about the content of the OpenTC project
Partner	TEC

Date	03/2006
Name	Kärntner Woche (Newspaper and electronic publication)
Spread	Regional (Austria/Carinthia)
Content	Press article about the content of the OpenTC project
Partner	TEC

Date	03/2006
Name	New Business (Magazine)
Spread	National (Austria)
Content	Press article about the content of the OpenTC project
Partner	TEC

Date	03/2006
Name	it&t business (Magazine and electronic publication)
Spread	National (Austria)
Content	Press article about the content of the OpenTC project
Partner	TEC

Date	04/2006
Name	First European Conference on Systems (EuroSys2006)
Spread	International
Content	Practical Taint Based Protection
Partner	CUCL

Date	13/03/2006
Name	TUDOS Demo CD
Spread	International
Content	Contains Demo Scenarios of an L4 based secure system.
Partner	TUD

Date	29/03/2006
Name	The Register http://www.theregister.co.uk/2006/03/30/pete_herzog_interview/
Spread	International
Content	"The man behind OSSTMM" Syndication of SecurityFocus article
Partner	ISE

Date	Monthly starting 01/2006
Content	OpenTC project details
Media / Spread	ISECOM News List / International (5000 members)
Partner	ISE

Date	08/03/2006
Content	OpenTC project announcement
Media / Spread	Professional Security Testers Mailing List / International (60000 members)
Partner	ISE

2.3 Cooperation with external organisations

Workpackage(s)	8
OpenTC partner	RHUL
External organisation(s)	Software Define Radio Forum (SDRF) SDR Security Working Group
Type of activity, date and duration	Discussions, 4 2-hour telephone conferences

Objectives	Developing a security architecture for software defined radio
Resources	1 person (Eimear Gallery)
Actions	Specification of secure download and attestation architecture components
Outcome	Input to SDR Architecture Specification - A security architecture for SDR which incorporates trusted computing functionality/architectural components which leverage trusted computing functionality

Workpackage(s)	8
OpenTC partner	RHUL
External organisation(s)	Vodafone, TCG MPWG (Mobile Phone Work Group)
Type of activity, date and duration	Discussions, 10 2-hour telephone conferences and half a day meeting
Objectives	Mapping of Trusted Computing Group's Mobile Phone Computing Group (TCG MPWG) use cases to trusted computing functionality
Resources	1 person (Eimear Gallery)
Actions	Complete mapping of 2/3 priority use cases to begin with
Outcome	Input of mappings to TCG MPWG

Workpackage(s)	8
OpenTC partner	IFX, RUB, TUD, RHUL
External organisation(s)	European Commission, eMobility Group
Type of activity, date and duration	Wrote an add-on to the eMobility workplan, several emails between February and March 2006
Objectives	Contributing to and extending the future Workplan for eMobility as a major part of research targeting for the 7FP for the whole field of mobility. eMobility shall continue with the results from OpenTC WP in the future
Resources	About 1 person
Actions	Submitted
Outcome	Participate with FP7 on security for mobile platforms

Workpackages	4,5
OpenTC partner	HP Laboratories

External organisation(s)	Univ. of Auckland, Dept. of Computer Science , Prof. Clark Thomborson
Type of activity, date and duration	Meeting, 24/04/2006
Objectives	Mutual information about TC-related work, exploring potential for co-operation
Resources	
Actions	Presentation to HPL Bristol
Outcome	Tbd.

Workpackages	3,4,5
OpenTC partner	RUB, IFX
External organisation(s)	Univ. of Auckland, Dept. of Computer Science , Prof. Clark Thomborson
Type of activity, date and duration	Meeting and common research seminar, 21/04/2006
Objectives	Mutual information about TC-related work, exploring potential for co-operation University of Auckland is leading Computerscience organisation in NZ and also national Comptence-Center for computer security
Resources	Whole group
Actions	Presentation to HPL BristolSeminar about Trusted computing at RUB, Bochum
Outcome	Intensifying Cooperation

Workpackages	All
OpenTC partner	IFX
External organisation(s)	Berkeley Trust, a large US research project also targeting on Trusted Computing but on a more basic approach. http://trust.eecs.berkeley.edu
Type of activity, date and duration	Full Cooperation, IFX is member since January 2006
Objectives	Mutual information about TC-related work, exploring potential for co-operation
Resources	1-5 persons, depending on activity
Actions	Full participation within the project, Individual partnerships with some of the related universities

Outcome	Exchange of information and cooperations
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Workpackages	1
OpenTC partner	TEC
External organisation(s)	TSC consortium: Axalto (FR), Bertin Technologies (FR), Bull (FR), EADS DS and EADS SN (FR), FTRD/Orange (FR), STMicroelectronics (FR and IT), Giesecke and Devrient (DE), ICT Economic Impact (DE), Philips SC (DE), Philips AT (NL), ESI (ES), SGI (ES), TB-Solutions (ES)
Type of activity, date and duration	Workshop, 18/01/2006, 1 day
Objectives	Cooperation between OpenTC and TSC members
Resources	1 person
Actions	Workshop
Outcome	Liaison with TSC

Workpackages	10
OpenTC partner	IFX, HP, IBM, AMD, POLITO, IAIK
External organisation(s)	TCG
Type of activity, date and duration	Participating in the standardisation work of the Trusted Computing Group (TCG); bringing current TCG pre standard activities early into the OpenTC work and activities
Objectives	Holding the results of OpenTC up to date and according to the TCG industry standard. Testing the TCG standards by implementation within the project and deliver feedback
Resources	2 MM
Actions	Active participation in TCG standardisation and management meetings
Outcome	Project results according to standards; Feedback from early adoption

The **Trusted Computing Group** is the internationally accepted standardization board which sets all relevant issues on the basic layers of our targeted activities. Open_TC is complements the TCG work by building a open source trusted system. It is therefore important to exchange continuously standardization and background information between the TCG and Open_TC. Open_TC partners are regular members of the TCG (e.g. HP, IBM) or just joining the TCG liaison programme. Therefore the consortium has direct access and exchanges ideas and information with the TCG.

Memberships:

The **industrial project members** (HP, IBM, AMD and IFX) were already regular members of the TCG and also members of the board of directors of the TCG. IFX has been elected by the TCG members on the board in January 2006. The deputy board member of IFX is an active participant within OpenTC as the leader of WP03 and WP08. So there is a very direct connection between OpenTC and the TCG on the technical as well as the organisational level.

TCG Liaison Program

This program allows academic institutions, industry standards bodies, government agencies and special interest groups with a stake in computing security to participate in TCG Work Groups. Members in this program are anticipated to help TCG stay current with research, standards and concerns studied by other important institutions working in the security field. Liaison program members can participate in all TCG work groups, thus getting first hand results from the standardisation work and being able to influence the standards. During the first half year of the project IAIK and POLITO joined the liaison program, other OpenTC members are planning to follow.

Activities:

OpenTC members participated in the TCG work groups for transfer of information and also informed the groups about the OpenTC project and its objectives. One main technical activity was the provision of the work concerning TPM and TSS standardisation within WP03. The basic TSS stack package provided by WP03 also contains elements (like the inclusion of SOAP interface technology) relative to the latest TCG standardisation discussions.

3 Participation in other projects

We list in this Section the participation from OpenTC partners to other projects. These relationships create opportunities of dissemination of the OpenTC results and make sure that we are aware of the latest results and developments in related areas.

3.1 Participation in running/labelled complementary EU/IST projects, Eureka

MEDEA+		
TSC	Trusted Secure Computing was recently labeled with 2A502 by the public authorities for contract. TSC deals with the deployment of PC oriented Trusted Computing use and applications. It will also sponsor the compliance testing of realised TC HW and SW against the TCG specification to give the users trust into the correctness of their application.	TEC, IFX, RUB
ITEA		
€-confidential	Trusted SW execution based on COTS. Trusted Security Platform to secure multi kind of application and to provide a trustworthy execution environment; Develop a safe and trustworthy security platform that will allow to control and to ensure a trust execution of security services (authentication, ciphering, ...) for sensitive applications (PMR, e-vote, e-bank, ...) running on COTS.	CEA (labeled but waiting for financing)
NGCC	New C Compiler	CEA (labeled but waiting for financing)
TECOM	R&D of a family of HW/embedded SW silicon components enforcing secure and trusted computing for the areas of Consumer, Computer, Telecommunications and Wireless. Development of a trust concept and architecture elements usable in other European industrial segments such as automotive, industrial, aeronautics (especially in their content acquisition and payment, ticketing and DRM aspects) Relevant European contributions related to Trusted Computing standards while keeping inter-operability with existing US-led or Asian initiatives.	IFX, TEC
IST FP6		
IPs		
DESEREC	Dependability and Security by Enhanced Reconfigurability DESEREC will respond efficiently to the three families of incidents which can occurs on a critical system: Attacks from the outside, Intrinsic failures and Misbehavior or malicious internal use.	POL (scientific leader), BME
PRIME	Privacy and Identity Management for Europe To research and develop approaches and solutions for privacy-enhancing identity management that can	HP, KUL, TUD, IBM

	make the European citizens empowered to exercise their privacy rights, and thus enable them to gain trust and confidence in the information society	
SECOQC	Development of a Global Network for Secure Communication based on Quantum Cryptography	HP
STREPS		
HIDENETS	Highly DEpendable ip-based NETworks and Services The aim of HIDENETS is to develop and analyze end-to-end resilience solutions for distributed applications and mobility-aware services in ubiquitous communication scenarios. Technical solutions will be developed for applications with critical dependability requirements in the context of selected use-cases of ad-hoc car-to-car communication with infrastructure service support.	BME
POSITIF	Policy-based Security Tools and Framework. POSITIF will develop a framework and tools for policy-based protection of networked systems and applications. A multi-level policy language will be used to describe the desired security policy (high-level requirements and/or detailed controls) while a system language will be used to describe the target system (interconnection topology, functional and security capabilities).	POL (coordinator)
NOE		
FIDIS	The Future of Identity in the Information Society To shape the requirements for the future management of identity in the European information society and contributing to the technologies and infrastructures needed.	KUL, IBM
ECRYPT	To ensure a durable integration of European research in both academia and industry and to maintain and strengthen the European excellence in these areas	KUL, RHUL, IBM
ReSIST	ReSIST is a Network of Excellence that integrates leading researchers active in the multidisciplinary domains of Dependability, Security, and Human Factors, in order that Europe will have a well-focused coherent set of research activities aimed at ensuring that future “ubiquitous computing systems” (the immense systems of ever-evolving networks of computers and mobile devices which are needed to support and provide Ambient Intelligence), have the necessary resilience and survivability, despite any residual development and physical faults, interaction mistakes, or malicious attacks and disruptions.	IBM
CA		
ESFORS	European Security Forum for web services, software, and systems ESFORS is a Coordination Action that aims at bringing together the European stakeholders for security and dependability Information and Communication Technologies (ICTs) to address the security and dependability requirements of emerging software service platforms.	HP
PASR		
ROBIN	Open Robust Infrastructure	TUD

	The objective of this Preparatory Action is to explore key technologies for a small, robust platform that can host legacy operating systems and their applications, but that is small enough to undergo formal analysis and construction techniques.	
SES		
DERlab	This project is oriented to establish new testing facilities for distributed energy resources (DER) in Europe and other parts of the world. The objectives of this project are to identify relevant laboratories working in this field and to support networking and information exchange between the involved institutions.	TUS
NNE		
REMPLI	The Real-time Energy Management via Powerlines and Internet project aims at creating a distributed infrastructure suitable for real-time data collection, data processing for billing, statistics and planning (as well as tariff management), management of the distribution network (supervision, control, quality), energy loss detection and fault control and inclusion of add-on services (domotics, security).	TUS

3.2 Participation in national projects

France		
System@Tic project PFC (Plate-Forme de Confiance)	The competitiveness pole <u>System@Tic</u> deals with complex hardware and software systems and is financed by the Paris area. PFC proposes to develop a platform that allows companies, administrations and citizen to build reliable and trusted information systems and associated processes. More generally, the aim is to increase the control of all the technological, legal and societal aspects bound to the development of e-activities.	CEA (labelled and waiting for financing)
RNTL project CAT	Static analysis tools for the C language.	CEA (labelled and waiting for financing)
Germany		
EMSCB	European Multi-lateral Secure Computing Base This is a German national project, started on October 2004 and sponsored by the German Ministry of Economics. The project target the acquisition of a first Trusted Computing experience through the development of some Trusted Components, including Tamper devices, HDD encryption, DRM viewers. Relation with TSC will be established through Infineon and Ruhr University Bochum, EMSCB partners	RUB, TUD, IFX

VFiasco	A DFG Project that aims to verify some security relevant properties of a complete μ -kernel. See: http://os.inf.tu-dresden.de/vfiasco/ for details.	TUD
Hungary		
CCLAB	Project for establishing an accredited Common Criteria evaluation laboratory	BME
United Kingdom		
XenSE	Xen: Security Enhanced. EPSRC national research project involving CUCL, Intel Research Cambridge and CESG. This will build a prototype system for trusted computing which aims to be architecturally compatible with the output of the OpenTC project work. Particular focus on usability and desktop aspects.	CUCL
Trust Establishment in Mobile Distributed Computing Platforms	The goal of this EPSRC-funded 3-year project are to establish a secure association between a mobile wireless device (or network) and the grid. It will study the problem of the applicability of TC-elements to distributed systems, and grid in particular. The use of DRM techniques to protect data on the grid will be investigated.	RHUL

4 Planned dissemination activities

The plan for this project is to get the non-expert public informed about the challenges and research on IST related topics. All project partners are planning to continue to raise public awareness via newspapers, magazines and Internet platforms. Section 4.1 gives information on the current dissemination plans among partners, while Section 4.2 presents the dissemination activities already planned.

4.1 Partners' plans for dissemination

All the OpenTC partners will be invited to and will attend conferences and workshops outside the consortium, where they will be able to present the OpenTC project as well as our knowledge about the EC project management. Intense communication of progress and achievements to external organisations as industry companies, standardisation bodies, research communities and the European Union will continue as it was undertaken during the first six months.

Partners involved in WP10 will also continue to develop training concepts and material for existing and potential costumers. Technikon will support the other partners and a major outcome at the end of the project will be training documents for the Open Trusted Linux Platform and Modules.

As the coordinator of the OpenTC project, Technikon will continue to contribute an essential part of its work to the project management (administration, risk management and innovation management), to the self-assessment and to the dissemination activities in the project. Technikon will develop a dissemination plan in the next few months. Therefore all partners will have to identify target groups and appropriate dissemination channels (e.g. Identification of relevant conferences, journals etc.). This deliverable also contributes to the dissemination planning thanks to information about further dissemination activities (upcoming conferences, workshops etc.) provided by the partners.

Technikon also continues to work on a leaflet which will be provided within the consortium and will be distributed widespread at conferences and other public events. Furthermore Technikon will participate in national conferences and workshops to impart the knowledge of coordinating European projects and it will spread in the course of these conferences the information about the OpenTC project.

Technikon has a strong background in normalization work, contributing to ÖVE, ÖNORM, IEEE, ETSI, CEN, CENELEC and ISO. Technikon will strive to foster standardization activities and the exchange of knowledge between standardization bodies and the OpenTC consortium. Furthermore Technikon will encourage the organisation of workshops with other projects dealing with security, and will promote research in all areas OpenTC addresses.

CEA is already planing to disseminate the knowledge of the OpenTC project using various channels, namely:

- web pages on the CEA extranet, allowing other researchers and industries to be aware of the project
- web pages on the CEA intranet, allowing company-wide awareness of the project.

These pages address other departments (such as LETI, Laboratory for Electronics and Instrumentation Techniques)

- references to the OpenTC project at the occasion of new national project submissions
- internal presentations at laboratory, department and company meetings.

Later, the results of this project can be used for training purposes, integrated to software engineering and security courses at INSTN, the french institute devoted to post-graduate education and professional training in nuclear science and technology within CEA. See also <http://www-instn.cea.fr/>. In this manner, recent results concerning software security can be taught to our future engineers and technicians, making them fully aware about the risks incurred to software in nuclear applications.

ISECOM is a standardization body referred to by multiple government and private sources including other standardization bodies. ISECOM provides a monthly newsletter which reaches approximately 5000 people internationally and are further carried in additional mailing lists: cccure.org directed at CISSPs, and ccc_emails directed to compliance officers reaching an approximate total of 30,000 people internationally. ISECOM will also use other forms of electronic press (e-mail, website, blogs, and lists). With electronic media our goal is to gain the confidence of the security and privacy professionals. With traditional media, we would like to take the issues of Trusted Computing to the masses.

A radio/tv/newspaper press conference for Spain is in development to introduce the project and new project team once assembled completely. ISECOM has designed a project collaboration workspace for the OpenTC project at www.isecom.info/moodle and has opened it up to the ISECOM project team. An administrator and a technician have been hired to handle the further development.

ISECOM wrote a paper for LinuxTag in Germany which had been rejected. The paper has been re-written as a press release regarding the ISECOM OpenTC methodology project for release when all of the project team has been hired. A request for a project manager and assistant have been sent to through the ISECOM News and Partner channels however no one of proper qualifications has yet been found, but the search will continue.

4.2 Conferences or public discussions/talks

4.2.1 Active role (speaker, presenter, moderator)

Name of the event	Linux and Free Software Festival
Date	11-14/05/2006
Place	Middle East Technical University, Ankara, Turkey
Organisation and number of participants	PORT (Bora Güngören)
Content of presentation/talk	1-hour Encrypted File Service seminar for Linux Festival, and 4 days of OpenTC and EFS presentation on the OpenTC stand

Hyperlink to conference website	http://senlik.linux.org.tr/2006/ This is the largest Linux conference in Turkey. Each seminar has an average audience of more than 100 Linux users and developers and government representatives.
Outcome	Increase awareness and interest of developers in Open TC project and its public deliverables

Name of the event	IBM Future Business Summit 2006
Date	02/05/06
Place	Sheraton Convention Center, Ankara, Turkey
Organisation and number of participants	PORT (Bora Güngören)
Content of presentation/talk	Open TC Project and its effects on Enterprise Linux
Hyperlink to conference website	TBD as a followup of press release
Outcome	Raise awareness about Open TC project among Turkish IT decision makers in industry and in government, more than 50 people

Name of the event	EMO Linux Day
Date	09/2006
Place	Ankara, Turkey
Organisation and number of participants	PORT (Baran Erdoğan)
Content of presentation/talk	Panelist on the topic "Linux and Security"
Hyperlink to conference website	
Outcome	Increase awareness and establish connections for future collaboration in Turkish engineering community

Name of the event	Cebit Bilişim Eurasia Fair and Conference
Date	09/2006
Place	İstanbul, Turkey
Organisation and number of participants	PORT (Bora Güngören)
Content of presentation/talk	Trusted Computing and Next Generation Linux Security

Hyperlink to conference website	http://www.cebitbilisim.com/
Outcome	Increase awareness and establish connections for future collaboration in Turkish engineering community

Name of the event	IEEE International Conference on Technologies for Homeland Security and Safety
Date	09-13/10/2006
Place	İstanbul, Turkey
Organisation and number of participants	PORT (Bora Güngören, Baran Erdoğan)
Content of presentation/talk	Presentation of the Encrypted File System (EFS) (paper is not yet officially accepted, presentation is being communicated separately)
Hyperlink to conference website	http://www.tehoss2006.org/
Outcome	Introduce EFS and establish contacts for further collaboration in academia

Name of the event	Chamber of Electrical Engineers (EMO) Monthly Technical Seminar
Date	11/2006
Place	Ankara, Turkey
Organisation and number of participants	PORT (Baran Erdoğan)
Content of presentation/talk	Open Trusted Computing project and EFS
Hyperlink to conference website	http://www.emo.org.tr/ (monthly announcement TBD)
Outcome	Introduce Open TC and EFS and establish contacts for further collaboration in industry

Name of the event	LinuxTag
Date	03-04/05/2006 (2 presentations at different events)
Place	Wiesbaden, Germany
Organisation and number of participants	HP (1)
Content of presentation/talk	OpenTC Introduction (similar to the Indicare

	articles, see Section 2.2)
Hyperlink to conference website	http://www.linuxtag.org/2006/
Outcome	Major Linux expo and Conference Tbd.

Name of the event	LinuxTag
Date	06/05/2006
Place	Weisbaden, Germany
Organisation and number of participants	CUCL (1)
Content of presentation/talk	Overview of Xen 3.0 and architecture
Hyperlink to conference website	http://www.linuxtag.org/2006/
Outcome	TBD

Name of the event	Grazer Linux Tag 06
Date	20/05/2006
Place	Graz, Austria
Organisation and number of participants	IAIK (1)
Content of presentation/talk	OpenTC Introduction, Overview of available TC Infrastructure for Linux
Hyperlink to conference website	http://www.linuxtage.at
Outcome	Awareness of OpenTC among developers

Name of the event	High-level workshop about project management of European research projects of the 6 th framework program organised by Austrian Administrative
Date	01/07/2006
Place	Vienna, Austria
Organisation and number of participants	TEC (1)
Content of presentation/talk	Presentation about the management of an European research project in the 6 th framework program with OpenTC as example

Hyperlink to conference website	http://www.ffg.at/index.php?cid=1075
Outcome	The workshop will raise public awareness

Name of the event	I-NetSec 2006 in conjunction with IFIP TC 11's SEC'2006
Date	22/05/2006
Place	Karlstad, Sweden
Organisation and number of participants	BME
Content of presentation/talk	Anonymity issues of secure networks
Hyperlink to conference website	http://www.sec2006.org/index.php?INETWS=true
Outcome	Awareness of OpenTC

Name of the event	CISO Summit
Date	15/06/2006
Place	Barcelona, Spain
Organisation and number of participants	MISTI Europe
Content of presentation/talk	As part of discussion within "Legal & Compliance Challenges for Today's CISO - Obstacles & Overlaps"
Hyperlink to conference website	http://www.misti.com
Outcome	Tbd.

4.2.2 Passive role (attendee)

Name of the event	ARTEMIS annual conference 2006
Date	22-24/05/2006
Place	Graz, Austria
Partner	TEC
Hyperlink to conference website	http://www.artemis-office.org

Name of the event	Austrian Presidency Conference on European Technology Platforms
Date	04-05/05/2006
Place	Vienna, Austria
Partner	TEC
Hyperlink to conference website	http://www.eu2006-technologyplatforms.at/

Name of the event	Fourth iTrust International Conference on Trust Management
Date	16-19/05/2006
Place	Pisa, Italy
Partner	RHUL
Hyperlink to conference website	http://www.iit.cnr.it/iTrust2006/

Name of the event	Usenix Security
Date	31/07/2006 to 04/09/2006
Place	Vancouver, Canada
Partner	CUCL
Hyperlink to conference website	http://www.usenix.org/events/sec06/

Name of the event	LinuxTag
Date	06/05/2006
Place	Weisbaden, Germany
Partner	SUSE
Hyperlink to conference website	http://www.linuxtag.org/2006/

4.3 Articles in journals and magazines, papers, electronic publications

Date	
Name	Official magazine of Chamber of Electrical Engineers (EMO) "Elektrik Mühendisliği"
Spread	National (more than 30.000 engineers)
Content	5-10 page Open Trusted Computing article to reflect Trusted Computing and

	Open_TC specifications as to be published on the project web site.
Partner	PORT

Date	03-04/05/2006
Name	LinuxTag Conference CD
Spread	International
Content	Outline of OpenTC (why Open Source and Trusted Computing, architectural approach, outlook)
Partner	HP (Dirk Kuhlman)

Date	
Name	13th International Static Analysis Symposium (SAS06)
Spread	International
Content	Paper on the C code static analysis tool
Partner	CEA

Date	Planned Q3 2006
Name	Protecting OS with Immutable Memory
Spread	International
Content	Academic paper
Partner	CUCL

Date	01/05/2006 (to be published 12/2006)
Name	Hacking Exposed Linux 3 rd Edition
Spread	International
Content	Trusted Computing and Linux
Partner	ISE

4.4 Cooperations with external organisations

Workpackages	4, 6, 8
OpenTC partner	RHUL, RUB, HP, CUCL, TUD
External organisation(s)	CESG (UK), BSI (DE)
Type of activity, date and duration	European summer school on Trusted Infrastructure technologies, 19-25/08/2006, 4 days
Objectives	Fostering a European academic research environment for Trusted Computing
Resources	
Actions	See http://www.softeng.ox.ac.uk/trusted/
Outcome	

Workpackages	1
OpenTC partner	TEC
External organisation(s)	University of Innsbruck
Type of activity, date and duration	Correlation with national security activities
Objectives	TEC will become a member of the IGIS (syndicate about information security) group
Resources	2-3 Person days
Actions	Attending correlation meetings and exchanging information
Outcome	Be a member of the IGIS group to get access to their platform and to exchange the knowledge about information security

Workpackages	4
OpenTC partner	CUCL
External organisation(s)	IBM USA, Intel USA, Intel Cambridge
Type of activity, date and duration	Meeting planned for 04/2006.
Objectives	Interchange of ideas and plans
Resources	
Actions	
Outcome	

Workpackages	8
OpenTC partner	IFX
External organisation(s)	OMTP
Type of activity, date and duration	Email contact via David Jennings
Objectives	Take part in OMTP conference calls and meetings on hardware security, and check that the WP8 OpenTC documents are consistent with OMTP specifications and proposals as they become available
Resources	
Actions	
Outcome	

5 List of Abbreviations

TEC	Technikon Forschungs- und Planungsgesellschaft mbH (AT)
IFX	Infineon Technologies AG (DE)
HP	Hewlett-Packard (UK)
IAIK	IAIK, Graz University of Technology (AT)
LDV	Lehrstuhl für Datenverarbeitung, Technische Universität München (DE)
SUSE	SUSE Linux Products GmbH (DE)
RHUL	Royal Holloway and Bedford New College (UK)
ITAS	ITAS, Forschungszentrum Karlsruhe GmbH (DE)
TUB	TUBITAK, National Research Institute of Electronics & Cryptology (TR)
POL	Politecnico di Torino (IT)
BME	Budapest University of Technology and Economics (HU)
CEA	Commissariat à l'Energie Atomique-LIST (FR)
RUB	Horst Goertz Institute for IT Security, Ruhr-University Bochum (DE)
TUD	Technische Universität Dresden (DE)
CUCL	University of Cambridge Computer Laboratory, University of Cambridge (UK)
IBM	IBM Research GmbH (CH)
ISE	Institute for Security and Open Methodologies (ES)
AMD	Advanced Micro Devices (DE)
PORT	Portakal Teknoloji Egitim Danismanlik Yazilim Turizm Taahhut (TR)
INTEK	INTEK (RUS)
TUS	Technical University of Sofia (BG)
KUL	Katholieke Universiteit Leuven (BE)
COM	Comneon GmbH & CoOHG (DE)