

Proposal Submission Form



EUROPEAN COMMISSION
7th Framework Programme on
Research, Technological
Development and Demonstration

Collaborative Project
Small or medium-scale
focused research project

A1:
Content

Proposal Number

000000

Proposal Acronym

CAPA

General Information

Proposal Title

Concealed Anonymous Private Actors

Duration in months

36

Call identifier

FP7-ICT-2007-1

Activity code(s) most relevant to your topic

ICT-2007.4.1

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Free Keywords

Privacy, Trusted storage

Abstract (max. 2000 char.)

CAPA addresses the protection of private data. It will provide technology building blocks for the creation of "an invisibility cloak" (or "una CAPA invisible"). This involves

(1) an architecture for a trusted storage platform suitable for embedded systems/shield on a personal devices, based on an underlying secure operating system, secure file system and secure database system. The goal of this architecture is to limit the risk that private data be accidentally or maliciously disclosed. This risk is growing exponentially with the number of stakeholders in charge of collecting and operating data.

(2) an architecture for privacy of actors, which combines the building blocks/algorithms that ensuring ensure protection of stored data with existing identity management building blocks. This architecture involves the use of a personal device (or set of devices) that is based on the trusted storage platform, has/have communication capabilities, a secure encrypting file systems, a database system and the ability to generate identifiers. The goal of this architecture is to show that intrusion of privacy can be avoided,

(3) addressing research challenges related to privacy, relating to

- data linkage attacks, through means such as low-traffic analysis, surveillance, collusion etc...

- privacy of access, through means such as steganographic file systems

Similar proposals or signed contracts?

a) Has this proposal (or a very similar one) been previously submitted to a call for proposals of the 7th EU RTD Framework Programme?

no

IF YES

- please give the call identifier

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- please give the proposal or contract number (if known)

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b) Is this proposal (or a very similar one) currently being submitted to another call under FP7?

no

IF YES please give the call identifier

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