

IST Project Cluster Discussions

Outcome of the Security issues cluster

3. Pre-meeting organization & results

3.2.2 Security Issues

3.2.2.1 Participation

3.2.2.2 Projects

The following table indicates the project within the cluster, their strategic objective, person contact and type of contact meeting. It also lists those present for the Projects at the COPRAS Kick-Off meeting

Project	Strategic Objective	Person contacted	Person at cluster meeting	Type of contact meeting
EMAYOR	Networked business & government	Pim Hengeveld	Pim Hengeveld	Email 06-09-2004
TrustCom	Networked business & government	Santi Ristol	Joris Claessens	Email 05-10-2004
SECOCQ	Global security framework		Thomas Länger	
BIOSEC	Global security framework	Sanchez Orestes	Sanchez Orestes	Email 06-09-2004
Digital Passport	Global security framework	Ulf Hägglund	Ulf Hägglund	Email 06-09-2004

3.2.2.3 Standards bodies

Information on the following standards projects was also presented:

- CEN/ISSS Focus Group Biometrics
- CEN/ISSS Workshop eAuthentication
- CEN/ISSS Workshop Data Protection and Privacy
- CEN/Technical Committee 224/WG15 – European Citizen Card

- ICTSB Network and Information Security Steering Group (NISSG)

4.4 Break out sessions

4.4.2 Security issues break-out session

4.4.2.1 Identify common view of standard specification that will be revised or newly developed

The technical issue or existing shortcoming that projects agreed must be addressed through revised or new standards were identified for each project as follows:

Project	Area of activity	Standards objectives
EMAYOR	Secure municipal government applications	<ul style="list-style-type: none"> ● X-Forms digital signature and smartcard integration (W3C?) may need enhancements ● E-Gov XML exchange standards at European Level ● Language Issues at European Level ● Issues around Government digital identification tokens (SmartCard) standardization and related CA-architecture at European Level need practical solution
TrustCom	Trust & contract management framework for collaborative business processes	Interoperability profiles covering: <ul style="list-style-type: none"> ● Model driven security ● Collaborative business processes ● Policies and Security ● Contracts and service level agreements ● Trust PMI and PKI ● Web and Grid Technologies ● Semantic technologies
SECOCQ	Quantum cryptography	<ul style="list-style-type: none"> ● Standardisation of 'internal' interfaces <ul style="list-style-type: none"> ● Achieve interoperability of QKD components of different manufacturers ● Standardisation of 'external' interfaces and network infrastructures <ul style="list-style-type: none"> ● To make applications compatible with different QKD systems ● Provide applications standardised access to QKD based infrastructures

BIOSEC	Biometrics	<ul style="list-style-type: none"> ● Standardised multi-modal measurements of acceptance and trust <ul style="list-style-type: none"> ● General Attitudes: privacy, data security, etc. ● Specific Attitudes towards biometric sensor technology: reliability, data security, invasiveness, ● Development of standards to promote acceptance and trust of biometrics <ul style="list-style-type: none"> ● Standards for data and privacy protection ● Standards for user friendly design of biometric technologies <ul style="list-style-type: none"> ● Performance, interface, handling
Digital Passport	Next Generation European Digital Passport with Biometric Data for Secure and Convenient Border Passage	<ul style="list-style-type: none"> ● Security architectures: Security concept for the EU electronic passport (and related documents); system architecture for the EU electronic passport ● Cards and personal identification: Minimum requirements on security measures for electronic ID documents ● Standards & guidelines for a security framework: Mechanical reliability; Common Criteria Protection Profile: Machine readable travel documents ● Network security: Interfacing with data-banks concerning confidential information; security guidelines for person data interchange between national organizations located inside or outside the nation (from security concept / protection profile) ● Electronic signatures: Use of electronic signatures in the EU electronic passport (from security concept / protection profile) ● Privacy: Ethical issues; protection of data privacy and control over personal data, especially for biometric data (from security concept / protection profile)

4.4.2.2 Review current situation of any standards or industry grouping invited to address subject area

Project/ Standards Group	Current situation
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EMAYOR	There will be an eMayor cluster event around the security issues and eGovernment in March 2005, to which COPRAS is invited.
TrustCom	<ul style="list-style-type: none"> • Standards “Champions” have been appointed and an initial version of a Standardisation Roadmap exists covering: <ul style="list-style-type: none"> • consolidation of standardisation areas relevant to the project • assessment of state of standardisation in each of these areas • preliminary identification of potential standardisation contributions in each of these areas • mapping to the relevant standardisation bodies and initiatives • outline of further standardisation activities • overview of standardisation activities of individual partners.
SECOCQ	This Project has a long life cycle – ending in April 2004. Consequently its work in defining standard related deliverables is at an early stage.
BIOSEC	This Project is already half way through its 2 year life (ending in November 2005). It plans to show-case its initial work in a Workshop for 150 to 200 people in January 2005.
Digital Passport	This is a three year Project and therefore to a certain extent synchronised with COPRAS. It has a first report session scheduled for November 2005.
CEN/ISSS WS eAuthentication	A number of CWAs based on the eESC Global Interoperability Framework are due to be finalised at the end of 2004 and are currently out on the CEN website for public comment.
CEN/ISSS WS Data Protection and Privacy	<ul style="list-style-type: none"> • 4 CWAs (due by end of 2004 and currently on the CEN web for public comment on: <ul style="list-style-type: none"> • Generic contract clauses, • Common European voluntary best practices for data controllers and data processors • Assessment of data protection audit practice • Technology impact analysis <p>Open meeting planned for 1 December 2004</p>
CEN/TC224/WG1 5 - European Citizen card	First draft of CEN Technical Specification due by end May 2005

4.4.2.3 Discuss and agree the support that COPRAS will provide to the cluster of project

The projects were generally enthusiastic about both a cluster activity, which would need to be further defined in detail and about COPRAS support for their individual project standards-related deliverables.

It was agreed that such support could be both in the form of Standards Action Plans for deliverables being introduced into the standards processes operated by the COPRAS partners and also dissemination actions and support.

4.4.2.4 Identify schedule for next steps

It was agreed that the projects at cluster meeting should review each other's presentations by 15 November and provide ideas on:

- **Potential for Cluster activity**

What are the synergies between the projects? What joint activities could be brought forward for standardization/dissemination support through COPRAS?

- **Potential for individual or clustered Standards Action Plans**

What for what standards related material at either the project or the cluster level should COPRAS help by preparing Standards Action Plans?

It was also proposed that there could be a joint cluster meeting co-located with the eMayor meeting on security issues and eGovernment. The meeting will be held on 4 March 2005 and COPRAS partners will present the security standards issues at stake in the EU-projects from a standardization point of view.