




Activities of the Commission on Information Security under Coordinating Council of the CIS Member States on Informatization attached to RCC

*Chairman of the Commission on Information
Security under Coordinating Council*

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The Commission on Information Security was created by the decision of the Coordinating Council of CIS Member States on Informatization, dated December 14, 2004, No. 6/5



The Main Goals and Functions of the Commission



- elaboration of **recommendations on interaction of participants** of the Coordinating Council in the field of the information security;
- **organization of the interchange of experience** in creation of systems and of means of ensuring the information security of the information and telecommunication systems and networks;
- preparation **of proposals on** priority directions and forms of **joint activities** in matters of interstate cooperation in the field of ensuring the information security in CIS countries;

- preparation of **recommendations on elaboration of interstate (joint) programs** in the field of information security;
- elaboration of proposals on **harmonization of the national legislation** of the CIS Member States in the field of protection of the information;
- preparation of proposals on **development of the market** of means and services **in the field of protection of the information.**



The Main Goals and Functions of the Commission

- elaboration *of recommendations on revealing and neutralization* in national segments of the interstate information and telecommunication infrastructure *of equipments and programs, which constitutes a threat* to its normal functioning;
- elaboration of recommendations on *forecasting potential threats to the information security* of the CIS Member States *and of methods of protection* against these threats or counteractions to them;
- consideration of the issue about the status of *protection* of interstate information and telecommunication *systems*, networks, resources, technologies, means, and development of recommendations on increasing its quality;



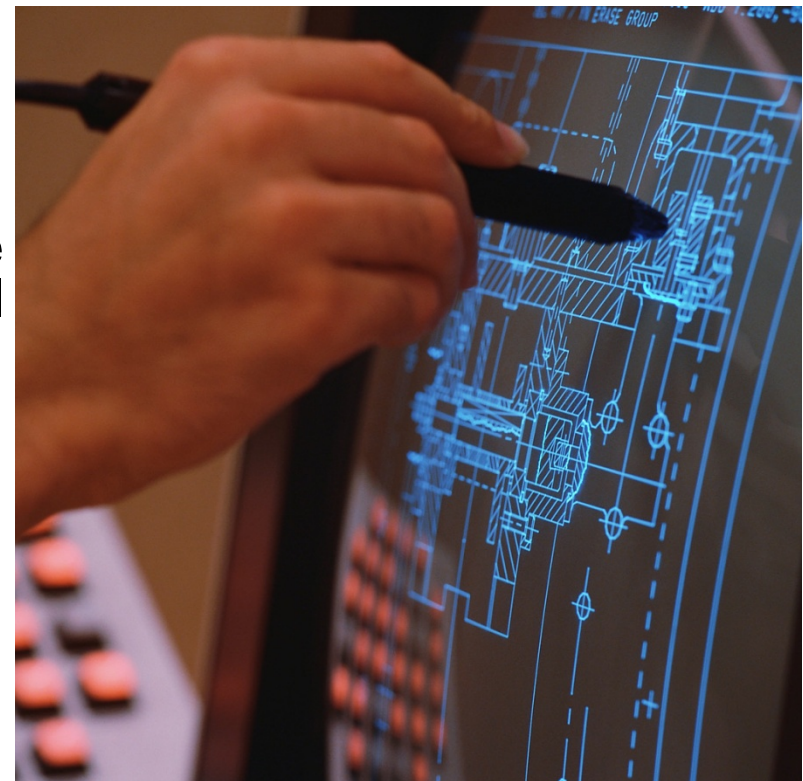
- *evaluation of the drafts of interstate acts*, on the basis of which joint measures related to the ensuring of information security in the course of development and improvement of a unified information space of CIS, are implemented;
- *forming the draft plan of research and development (R&D) in the field of the information security*, consideration and approval of these works.

Seven meetings have been held from the time of creation of the Commission (in Belarus, Moldova, Russia, Uzbekistan, Tajikistan)



Leading Institution on Scientific Support of Issues related to the Information Security of Coordinating Council participating countries

- The All-Russian research institute of computer engineering and information;
- The disposition is approved by the decision of the Coordinating Council No. 11/3, dated May 29, 2007;
- In order to increase the efficiency of technical-organizational, informational-systematical and scientific-legal support of the Commission and Coordinating Council activities.



The Main Goals of the Leading Institution on Scientific Support

- *preparation of the draft plans of work* of the Coordinating Council and carrying out of scientific-systematical events in the field of information security;
- *scientific substantiation and elaboration of proposals* on improvement of interoperability of the CIS countries in the field of information security;
- participation in *elaboration and examination of materials and drafts of decisions*, pronounced during the meeting of the Coordinating Council and of the Commission, *attracting of experts* in directions of activity of the Leading Institution;
- *synthesizing of proposals* on coordination and carrying out of *joint research and development* and manufacturing application and putting into operation of newest achievements of science and techniques in the field of information security, including means of protection of the information and information technologies;
- development and generalization of proposals *concerning the harmonization and improvement of national legislation* in the field of information security;
- collaboration in *the organization and carrying out of the scientific events*, which are held according to the working plans of the Coordinating Council and of the Commission on Information Security.



Public Advisory Panel concerning the Scientific-technological Issues of Information Security

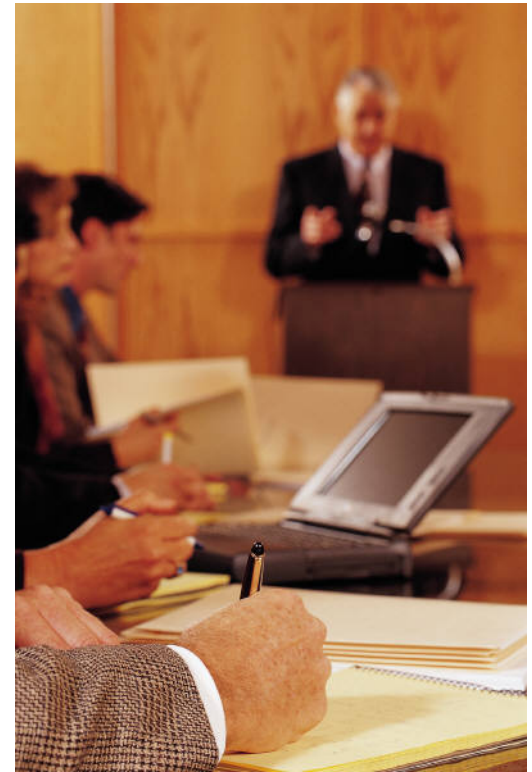


- The Commission has approved the decision to appoint a **Public Advisory Board** under the Commission, and the Regulations about it were developed and approved.
- Members of the Public Advisory Board are representatives of the leading scientific, educational, public and commercial organizations and companies, that operate in the field of ensuring of information security.

The Public Advisory Board develops its activity based on the goals, powers and decisions of the Commission on Information Security.

The Main Directions of Activity of the Public Advisory Board

- **improvement of quality of carried out events**, collaboration in the elaboration and examination of materials and drafts of the decisions, taken during the meetings of the Commission;
- **attracting to work of the Commission of scientists and specialists** of leading research organizations, institutions of higher education and social organizations, dealing with rendering services in the field of security ensuring of information and infocommunication technologies, development and manufactures of means of protection;
- elaboration of **proposals on carrying out research and development and manufacturing application and putting into operation** of newest achievements of science and techniques in the field of information security, including means of protection of the information and information technologies;
- **harmonization and improvement of national legal** systems in the field of information security.
- **organization and carrying out of training workshops** on the given subjects, in the Coordinating Council participating countries.





Main Directions of Activity of the Commission on Information Security



Basic Directions of Work of Commission



- **a work group** for executing the Commission decisions was formed, in which representatives from 10 states of CIS were included;

- **the Program of development of professional skills of the specialists** of RCC concerning the ensuring of information security was elaborated;



- **The Commission had worked through the following drafts of legal documents:**
 - *CONCEPT* of information security of CIS countries;
 - *PLAN* of events on executing the Information Security Concept;
 - *PROGRAM* on ensuring the information security;
 - *AGREEMENT* on cooperation of CIS countries in the field of information security.

Workshop «Pressing Issues on Information Protection»



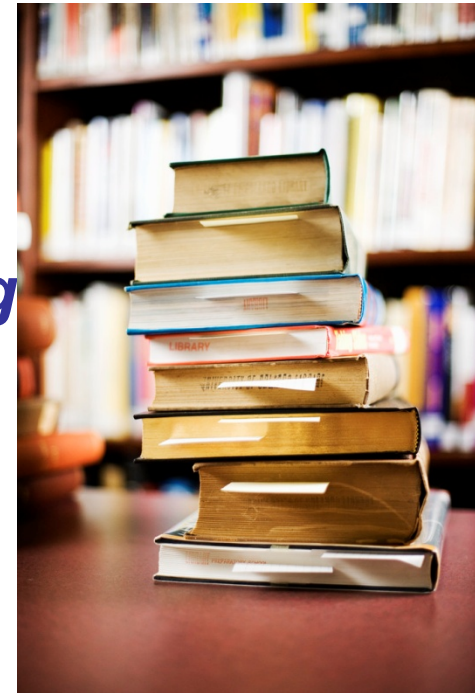
With the support of the Public Advisory Board, the Executive Committee of RCC, Main Directorate for State Secrets Protection under the Government of the Republic of Tajikistan, the Ministry of Transport and Communications of the Republic of Tajikistan an International workshop took place in Dushanbe on 21st of November, 2007, where the following basic issues were discussed:

- «Information security, as the major component of the national security of the state»,
- «Ensuring the information security of networks and systems for information exchange against unauthorized access»
- «The protection of information transmitted through communication channels»,
- «Technical channels of information leak».

Research work of the Commission



R&D «Research of the possibility of using the digital signature at a transboundary information exchange»



- The work has been organized in the R&D of RCC framework in 2007, at the proposal of the Commission on Information Security;
- The results of the R&D work have been preliminarily discussed at the meeting of the Commission on 1-2 of April 1-2, 2008 in Moscow.

The Result of the R&D Work

«Research of the possibility of using the digital signature at transboundary information exchange»

- **An analysis of the legal base** and of the current infocommunicational infrastructure of digital signature in the states-participants was carried out;
- **Drafts of legal documents** and proposals on applying the digital signature at the transboundary information exchange were elaborated;
- The draft **of Rules on Applying the Digital Signature at the transboundary information exchange** was elaborated;
- **The pilot segment of project** of the transboundary information exchange was created;
- **The requirements specification for a development work** was elaborated: «The realization of International information exchange with electronic documents system at transboundary information interoperability».

Transboundary Information Exchange

Goals, Field of Application

Goal: realization of legally significant confidential bilateral transboundary electronic exchange applying the digital signature, the services of infrastructure of the third trusted party and information protection systems.


Possible fields of application:

- Perfection of control and trade procedures at frontier points of access and ports (passengers, cargo transportation);
- Interaction with the national and international trading, customs organizations and brokers, bank structures and law enforcement bodies;
- The phyto-sanitary and migratory control;
- Interaction within the educational and social area, telemedicine, etc.



Transboundary Information Interchange

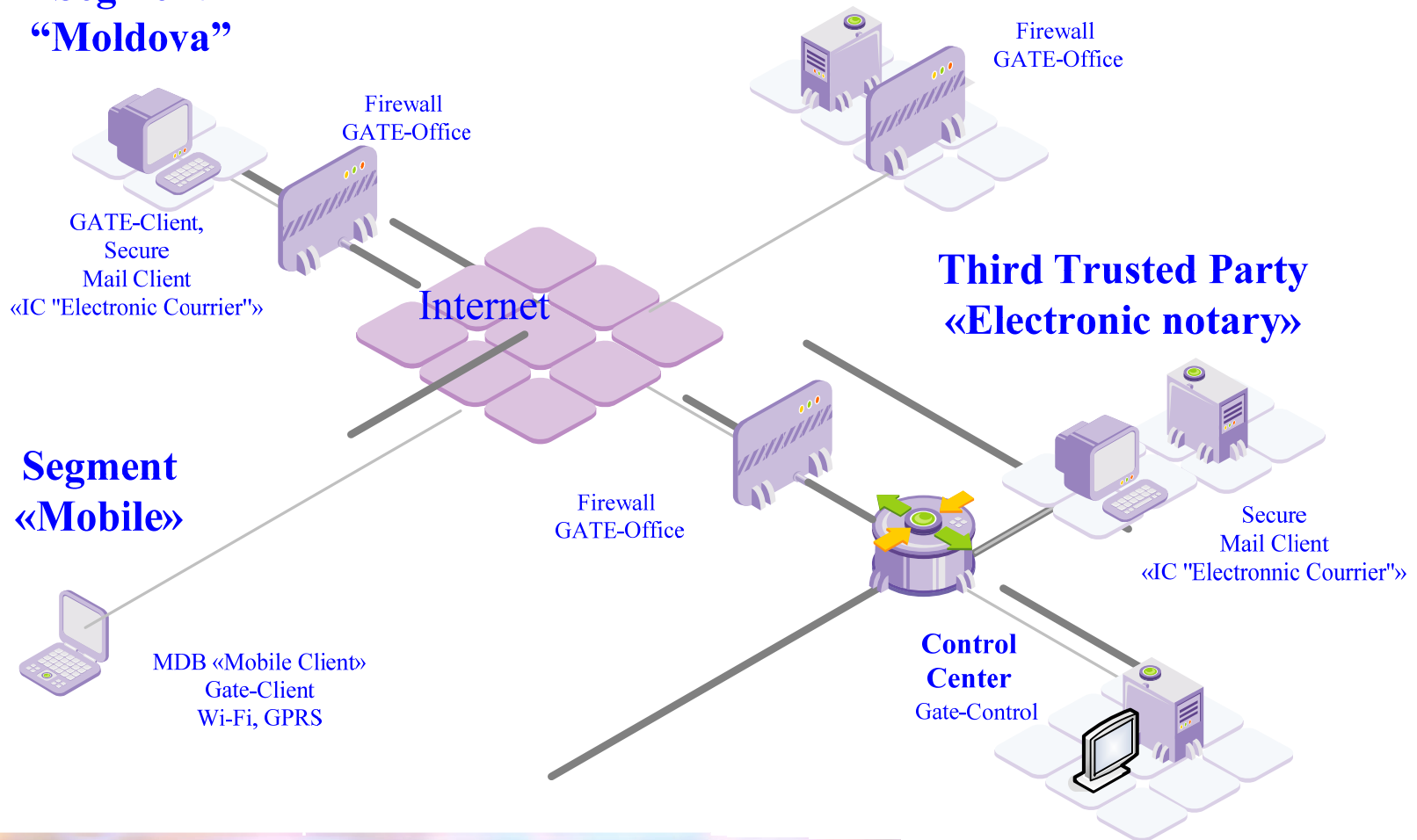
The system of protected transboundary information exchange provides:

- **Exchange of legally significant electronic documents;**
 - **Security of the transmitted information;**
 - **Conformity to requirements of information security of the states-participants in the exchange;**
 - **Mobility of users;**
 - **System development on the basis of the created infrastructure.**
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Pilot Platform

Segment "Tatarstan"

Segment "Moldova"



Priority Directions of the Commission



- Completion and realization of *the Program on ensuring the information security* of the states-participants of the Coordinating Council.
- *Preparation of the Cooperation Agreement of the states-participants of the Coordinating Council* concerning the ensuring the information security of the CIS Member States.

Priority Directions of the Commission



- *Examination of the Security status of infocommunicational infrastructures of the CIS countries;*
- *Analysis of the celebration of the events on the ensuring the information security in the CIS Member States;*
- *Elaboration of the model program-engineering solution concerning the organization of interstate legally significant information exchange;*
- *Realization of pilot project on protected transboundary legally significant information exchange;*

The initiative

Carrying out a R&D work within the framework of RCC in 2009 on «**Research of Security status of Information infrastructure of CIS countries**: the analysis of experience in ensuring the information security systems and information-telecommunication networks of Commonwealth countries and identifying the list of main objectives in this field».

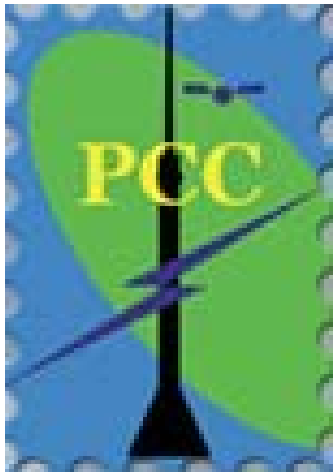


The initiative

I present the initiative of the Republic of Moldova and the Russian Federation on performing *the PILOT PROJECT on transboundary legally significant information exchange applying the digital signature in 2009-2011*, organized following the results of the joint R&D RCC «Research of the possibility of applying the digital signature at transboundary information exchange».



Basic readiness of introducing the system of transboundary information exchange has been expressed with the purpose of increasing the control efficiency in the international airport "Domodedovo" from Moscow and the International Airport from Kishinev, based on the new generation passport and visa documents.



Thank you for your attention!

*Chairman of the Commission on Information
Security under CCI under RCC*

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