At the beginning of this year the Russian Government approved the government regulation a Federal State Program "Electronic Russia for years 2002-2010" (hereinafter e-Russia). The purpose of this Program is to create adequate conditions for development and efficient usage of intellectual and personnel Russian potential in IT. It is the first large-scale State Program, which should support the Russia movement to the modern informational society. This program doesn’t pretend now to the role of the National Global Strategy, because it doesn’t contain the strategic Russia tasks and priorities in the IT-area. E-Russia contains some very important (but mainly tactical) tasks for the short-and medium-time period now. It represents the views on the current and short-perspective state of IT in Russia. The e-Russia has 9-year planning horizon and address about 9 key areas:

* Improvement of legislation and State regulation in the IT-area
* Maintenance of transparency of the State, of openness of State information resources, creation of conditions for effective interaction between the State authorities and citizens based on use of IT
* Perfection of functioning of State bodies and municipal authorities by IT using
Perfection of the State and municipal authorities interaction with the economic agents and introduction of IT in real economy sector

Development of educational systems for IT-specialists and qualified users

Assistance to the new independent mass-media evolution by means of active IT-usage

Development of the telecommunication infrastructure and creation of the public access points to the informational resources

Development and creation of the e-commerce systems

Providing of the public support for e-Russia

These key areas represent the today’s view to the interaction problem between IT and society and should be defined more specifically during the e-Russia realization.

Implementation of the e-Russia does include the three stages.

**The first stage of implementation of the Program (year 2002)**

At the first stage preconditions for carrying out measures of the Program are formed. It assumed realization of the analysis of normative and legal data base with the purpose of revealing key obstacles to wide introduction of IT, study of an economy level of informatization, analysis of the budget charges efficiency in sphere of informatization, inventory realization, realization of a full-scale audit of all State information assets, analysis of foreign experience of realization of the similar programs, study of experience of miscellaneous institutions in IT.
In course of the first stage the monitoring systems will be generated:

- World tendencies of IT development of and their socio-economic applications,

- Level of information technologies distribution in the country,

- Efficiency of the budget expenditures in sphere of informatization,

- Efficiency of information technologies use, information resources in bodies of State authority and budget sector of economy, their technical and telecommunication security,

- Efficiency of the legal base in field of the IT market regulation sphere and issues of the IT socio economic applications.

During the first stage of the Program realization will be organized:

* a preparation of a package of legislative initiatives to solve problems with creation and distribution of electronic documents, development of e-trade, reduction of administrative barriers hindering the entry of the Russian enterprises of IT sectors to the market, harmonization of the legislation in IT sphere with rules of international conventions and legislation of the countries of the European Union.

* realization of pilot projects on transition to electronic document circulation in State and municipal bodies of authority, on development of telecommunication infrastructure and of access to computer networks for bodies of State authority and local self-
management, budget organizations, development of e-trade system and support of goods (services) market, development of system of training of specialists in IT sphere and of qualified users.

Preparatory work will be carried out and the realization of pilot projects will begin on connection to computer networks of bodies of State authorities and local self-management, budget organizations, creation of centers of public access to open information networks.

The elaboration and realization of a developed, differentiated program will begin of retraining of the staff on IT for State and municipal services, mainly from workers of budget sector of economy, representatives of mass media, unemployed and socially unprotected citizens.

**The second stage of implementation of the Program (years 2003-2004)**

At the second stage on the basis of the research work it’s planning to:

* workout out a conceptual documents
* create a legislative data base,

* implementation a projects in the field of interaction of bodies of State authorities and local self-management with the citizens and economic agents in sphere of tax reporting, customs documentation; registration and liquidation of legal persons, issuance of licenses and certificates; accounting documentation on joint-stock companies, on securities market, on procurements for State needs etc. stipulated by RF legislation.
The Program provides complex of measures of introduction of IT in the public sector enterprises of economy aimed on creation of monitoring system of their financial and economic activity, realization of pilot projects on introduction of the unified corporate information systems for the enterprises of the military-industrial complex. There will be created preconditions for transfer of advanced information technologies, belonging to the State, into private business, the program of creation of techno-parks as centers for development of innovative business in the sphere of IT.

At this stage will create the basis of an uniform information and telecommunication infrastructure for bodies of State authority and local self-management, budget and non-commercial organizations, for system of e-trade in procurements for State needs, for centers of public access to open information networks.

A modern asset and technical base will be created for education of IT experts and their use in leading educational institutions of the country, number of their graduates will be increased substantially.

Process of development and updating of the legislative information base will be also continued. The activities will be started aiming promotion of Russian goods and services in IT area to world market.

**The third stage of implementation of the Program (years 2005-2010)**

At the third stage we are planning to create preconditions for mass distribution of IT in all spheres of public life on basis of unified information and telecommunication infrastructure and use of e-trade system.
There will provide complex introduction of: e-trade system for State procurement needs at Federal level and at levels of RF subjects, of unified electronic document circulation and of information security systems.

At this stage, there will be completed the formation of a uniform information and telecommunication infrastructure for bodies of State authority and local self-management, budget and non-commercial organizations, centres of public access to information networks.

As a result of creation of an effective legal regulation system, functioning of unified information and telecommunication infrastructure, perfection of the system of State management and of staff training on IT sphere, will be generated preconditions for structural transformation of economy.

The e-Russia isn’t pure economical program. It should improve government online service and alleviate some of the heavy bureaucratic burden on Russia’s citizen and business, increase of information transparency of the bodies of State authority and local management. This is a first step into Global Information Society.

The implementation of the federal program will be under the general management of the Interagency Commission headed by German Gref, the Minister of Economic Development and Trade of the Russian Federation. The Commission forms a Council of Experts which will include executives of IT companies, universities, scientific organization, the Russian Academy of Sciences and state and municipal bodies. Control over carrying out the program provided by the Ministry of the Russian Federation on Telecommunications and Informatization together with the authors of State
order of the Program in accordance with the legislation of the Russian Federation.

The program is to going to be implemented by entities defined by tenders in accordance with the Federal Law on Tenders for state purposes.

Three units from the program should be implemented by Scientific and Research Institute “VOSKHOD” as a winner of tender.

VOSKHOD was established 30 years ago and now is the Leading Institute under the Ministry for Communications in the field of the systems integration while developing and implementing the large-scale automated systems intended for the state and special purposes.

Major Institute Action Guidelines:

* Carrying out the scientific-research and experimental design work aimed at establishing the territory-distributed control systems on the basis of computer networks and telecommunications

* Designing the new information technologies

* Licensing the activities of production facilities and organizations entitling the latter to design the data protection means and certifying the information systems, technical means and software applications in the field of data protection

* Participating in working out the draft state standards in the field of informatization and in their implementing

VOSKHOD is the leading developer of the State Automated System “Vyborg” which automates the activities of the Election Committees during the elections on the whole territory of the Russian Federation. This system was
brought into operation on July 1, 2000 and now is largest federal automated system in Russia and included:

* over 3000 of automated facilities - about 78000 technical units (over 7500 computers
* over 35 Megabyte developed software
* 500000 kilometers of data transmission lines are used during elections
* Over 250 Megabyte are transmitted and processed in real-time within the information system at the peak load
* System databases contain data of 108 million voters of Russia.
* The number of elections conducted with the use of the SAS “Vybor” is over 5000.

The experience and success in the realization of this system now widely used in the implementation of some elements of e-Russia. Particularly:

1. “Maintenance of the information representation from Federal bodies of authority in the Internet”
2. “Development and implementation of pilot project of creation in RF regions regional sub-systems of automated system “State Register of Population” (AS SRP)”
3. «Analysis of efficiency of using IT, information resources in the bodies of State authority and State sector of economy, as well as technical level of bodies of State authority»

Now we have some preliminary results.
In (1) is being developed the principal elements of the conceptual document to represent the information from Federal bodies of authority in the Internet. This concept should help in realization of the next tasks:

* Transparency of activity of bodies of State authority, public availability of state information resources;

* Maintenance of information interaction between bodies of State authority and citizens, increase of trust of the citizens to the State.

* Publicity of procedures with tenders for procurements for State needs.

* Resolving of security and privacy questions.

Using of IT in activity of State bodies of authority will allow to expand volume of information about activity of these bodies, to provide citizens with information, for example in such important areas as legislative activity, budget process, government procurements, process of management of the State ownership, competitive replacement of vacant positions.

In (2) is being developed the principal design solutions to construct the experimental regional subsystem of “State Populated Register” automated system (AS SPR) and prepared the necessary legislation acts for it’s realization. In this system we are planning to use the personal voter’s information from State Automated System “VYBORY” mentioned early and the information from the small municipal automated system – like the civil status registration bureaus and the administration of municipal districts. Many regions of our country already began to prepare some elements of AS SPR and the main task
is to coordinate these works and prepare the general rules for implementation of the AS SPR.

The principal design solutions AS SPR was discussed on some international conferences last two years (in France, in Germany, in Austria) and will be discussed at the end of this year in Sweden. We are widely used the experience of the mentioned countries in our project.

In (3) we are prepared some preliminary reports for estimation of the world tendencies of development of IT and their socio-economic applications. We understand that’s very difficult to estimate the efficiency of use of information technologies, information resources in bodies of State authority and budget sector of economy, their technical and telecommunication security without properly defined methods. We are trying to apply different estimation methods – traditional approach (Economic Value Added, Total Cost of Ownership, Total Economic Impact, etc.), qualitative approach (Balanced Scorecard, Information Economics, Portfolio Management, etc.), probabilistic approach (Real Options Valuations, Applied Information Economics) but now we can’t select one definitely.

We hope that our participation in the Global Research Village Conference and the information exchange with colleagues could help us to resolve these difficult problems and develop our elements of the e-Russia more successfully.