

Prospects for implementation of broadband in the Republic of Moldova

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Abstract

Nowadays information technology-based broadband communications have become a powerful engine of intellectual, economic, social, cultural progress, a significant factor in the political life of society. The degree of information and communication technologies-based broadband access, its availability to a person, business, society - a measure of not only technological and economic development of the state, but its level of democracy and openness, civility, education and culture. The development of broadband communications is a critical factor in overcoming the mutual distance and disunity, the preservation of the cultural, economic and political state integrity.

Despite the rapid growth of information - communication technologies, in the last decade in a large number of areas (in the first place - in rural areas and small towns) broadband services are still inaccessible to consumers because of high cost and low-demand population, compared to major cities. Such substantial differences in the level of penetration of broadband communications had a negative impact on the social situation and the pace of economic development in those areas.

International experience shows that the infrastructure development of broadband networks has a significant impact on accelerating economic development and, consequently, improves the social environment.

At a time when broadband services market is at a stage of its formation, the state must take care to establish the necessary elements for the normal functioning and development of this market. The role of government is to achieve widespread adoption and mass distribution of broadband networks through the promotion of private sector demand stimulating competition, political support, as well as through effects on the offer factors: deregulation (demonopolization) of electronic communications sector, reducing costs of administrative barriers (licensing, certification, etc.), optimization of taxation, promote the inflow of capital, improving standards and the development of a profile of higher and secondary - special education.

The degree of transition to the information society is determined by the level of access infrastructure development to broadband networks and by the level of offered services to their citizens using information technology (e-services). Thus, information society, as a modern society, can be developed in Moldova in the case of advanced telecommunication infrastructure and implementation possibility of new technologies in this field.

The introduction of high-speed communication channels will provide for State a broad range of possibilities, including the GDP growth, the increasing of competitiveness and the attracting of foreign investments. The countries with more advanced telecommunications infrastructure attract more offshore services, outsourcing companies and foreign investments.

As a result of the program development of broadband networks, the overall resource will be increased, which will allow operators to expand the possibilities of digital broadcasting, multimedia service delivery, more intensively development of distance learning, telemedicine, Internet access.

The development of broadband networks will provide the inclusion of the Republic of Moldova in the world information space; will solve a wide range of problems and issues in the field of science, public administration, education, health, social work. It is important, that the positive dynamics of the broadband technology development is determined by the growing demand of citizens, businesses and state. The new technology is actively included in the daily Moldovan citizen's lives.