REALIZATION OF ACTIONS OF THE GOVERNMENT PROGRAM OF DEVELOPMENT AND INTRODUCTION OF INFORMATION-COMMUNICATION TECHNOLOGIES IN THE REPUBLIC OF TAJIKISTAN

COMMUNICATION SERVICE UNDER THE GOVERNMENT OF THE REPUBLIC OF TAJIKISTAN
In execution of the Decree of the President of the Republic of Tajikistan from November, 5th, 2003 №1174 “About the State strategy of “Information and Communication Technology for development of the Republic of Tajikistan” the Government of the Republic of Tajikistan confirmed the Government program of development and introduction of information-communication technologies in the Republic of Tajikistan from the December, 3rd, 2004 №468 which purpose is working out of the measures directed on creation of conditions and formation of mechanisms, providing assistance:

- formation of an information society in the Republic of Tajikistan;
- development and updating of various fields of activity (education, culture, public health services, transport, agriculture, a public life, social security and others) in the Republic of Tajikistan on the basis of wide use of ICT;
- poverty reduction, creation of considerable number of new workplaces,
- increase of working efficiency on basis of use of ICT.

The basic directions of activities in sphere ICT according to Strategy should become: perfection of the legislation and normative and technical base (technical regulations) in sphere ICT, development and introduction of new appendices ICT; development of an information-communication infrastructure; information security.

Coordination of a course of realization of the given government program has been assigned to the Communication service under the Government of the Republic of Tajikistan.

The program is directed, first of all, on coordination of actions of the state authorities of all levels in territory of republic in the field of development and mass distribution of information communication technologies in economy, the government and public life by realisation of departmental programs.
Tajikistan - Is located in the Central Asia region and the southernmost point of the southern border of the Commonwealth of Independent States. So with Afghanistan, China, Kyrgyzstan and neighboring Uzbekistan while Tajikistan is one of the countries that connects parts of Europe and Asia, that this phenomenon to the Republic of Tajikistan gives important position from the geopolitical point in the region and the world. With the perception of geopolitical importance, its role in the region and the world, the Government of the Republic of Tajikistan despite the problems first years of independence, stable and consistent way towards regional and global processes of integrating movement, spent a short time has become one of the most active member of the international community.
The use of information and communication technology requirements of globalization, its proper use contributes to saving time and funds from the state budget, citizens and the development of all sectors.
### Condition of standard-legal base in sphere ICT

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<th>№ п/п</th>
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<td>1</td>
<td>Oder of the President of Republic Tajikistan</td>
<td>№ 1174 from 05.11.03</td>
<td>“About the State Strategy of information communication technologies for development of the Republic of Tajikistan”</td>
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<td>Oder of the President of Republic Tajikistan</td>
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<td>Regulation of the Government of the Republic of Tajikistan</td>
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To perform the technical basis of acts of normative legal mentioned

Taking into account the international experience fundamental principles of development of integration of national information telecommunication networks became:
- development of telecommunications infrastructure, encouragement of private investments;
- stimulation of dynamical competition; definition of adaptive frameworks of regulation;
- maintenance of open access to network and equalities of possibilities for citizens;
- cooperation on global scale;
- stimulation of interaction of networks, services and scopes;
- maintenance of information security and data security.
Works on development of telecommunications have allowed reducing technical lagging from the leading countries of the world. Modern digital communication lines are constructed; switching stations are equipped by digital systems. Since 2000 on December 31st, 2014 on the communication network of Tajikistan 49.19 km cable are placed in operation, the automatic telephone exchange capacity is increased by 7650 numbers, long-distance and international telephone exchanges in capacity of 10350 channels. The national network of the country has received an exit on global network of telecommunication. In the Republic of Tajikistan to no small measure thanks to free competition are created conditions for development of telecommunications sphere. Along with the national communication statement JSC “Tajiktelecom” work communication statements, including with participation of foreign capital.
Constantly the coverage area of republic regions cellular communications also is extending. In republic the service of cellular communications are given by 6 operators in standards GSM and CDMA, and the number of subscribers of cellular communications has exceeded 6 million.

With introduction of new technologies have enhanced communication networks, which in turn led to search of new forms and ways, regulating activity of all branches of communications. It has served increase in more than twice quantities of communication statements and to wide use ICT in all ability spheres of the country, certain progress and development of an information infrastructure, realization of various branch projects and information programs.
JSC "Tajiktelecom" is the national telecommunication operator in the Republic of Tajikistan. For today the company, with use of various business models, such as B2B, B2C, B2G gives a wide spectrum of modern telecommunication services to consumers of telecommunication sector.

Network of JSC "Tajiktelecom" covers the practically all territory of the Republic of Tajikistan. The local telecommunication network company totals more than 1,5 thousand automatic telephone exchange in capacity over 450 thousand numbers, which 100 % are digital.

JSC "Tajiktelecom" has the modern branched transport network of telecommunication. Coverage by digital networks of the city and regional centers has reached on 100 %.

Extent of fiber-optical communication lines on local telephone systems makes above 410,8 km. Extent of fiber-optical communication lines on international, long-distance and intraareal communication channels makes above 2800.
Preparing technical realization of the concept of E-GOVERNMENT USE widespread infrastructure constructed

For maintenance of quality and expansion of range of given new types of services comes true gradual transition with SDH (STM-1/4/167/64) on high-speed transmission system of type DWDM and IP MPLS. In particular, on the basis of equipment DWDM are constructed transport rings on telecommunication networks in large cities. Also the main networks of data transmission which basically are used for the international transit of data transmission have been modernized. It has allowed expanding the nomenclature of rendered services and gives an opportunity to maintenance additional communication channels to telecommunication operators of republic and neighboring countries. Reconstruction and modernization of telecommunication network of company within 2003-2015 have allowed to create highly reliable and hardy transport network with high throughput on the basis of technology of digital synchronous hierarchy and to provide further developments not only traditional services, but also introduction of new modern services, and also the further development of infrastructure for rendering of services of cellular communication, data transmission in the Internet.
The company gives access to Global Network through the National data transmission network to all providers of republic and terminal users. The general capacity of external Internet channel makes 10 Gb. Access to Network and networks of data transmission of JSC "Tajiktelecom" is carried out by branch of company IDTN using technology xDST, Radio Ethernet FTTx WI-FI. Recently company has begun testing and innovation xPON technology in subscriber-access networks.

The list of rendered network services of data transmission by JSC "Tajiktelecom" includes access to Internet network, VPN, web hosting, mail hosting, IPTV a videoconferencing, development and constructions of corporate networks, etc. Through the international vocal sluice of VOIP communication of the company are rendered international entering and proceeding telecommunication services, both for terminal users, and for other communication statements operating in territory of the country.

JSC “Tajiktelecom” has also the licence for granting mobile and wireless fixed telecommunication services and data transmission on the basis of standard CDMA 450/1900 in all regions of republic.
With a view of improvement of quality of given services in countryside is realized modernization of rural automatic telephone exchanges, is covered new territories which were not earlier installation of telephones for the objective reasons, including because of a difficult mountain relief of such places. Target reference points of the company are: expansion of capacity external the Internet channel up to 20 Gb from introduction of technology DWDM and IPMPIS for expansion of backbone network and CWDM for expansion of intraareal transport network; increase in speed of data transmission network up to 10Gbit/s in the regional centers up to 1 Gbit/s in the district centers, and on access(-feeder) node of access of minimum speed 100 Mbit/s; expansion of mobile communication, acceleration of expansion of rural telephone network, increase of last mile of broadband services; application of technology FTTx in multistory buildings and offices, organization of wireless communication with application of technology CDMA WIMFx, acceleration of videophone services introduction, IPTV OD TVOD and other kinds of intellectual services.
cAPACITY "Tojiktelecom", which can be E-GOVERNMENT FOR use the additional Expenses for the establishment of a NEW NETWORK preventing digital telephone network of the city of Dushanbe
CAPACITY "Tojiktelecom", which can be E-GOVERNMENT FOR use the additional Expenses for the establishment of a NEW NETWORK preventing existing network fertilizer fiber line in the city of Dushanbe.
CAPACITY "Tojiktelecom", which can be E-GOVERNMENT FOR use the additional Expenses for the establishment of a NEW NETWORK preventing radiorelejii digital lines and optical fiber line network in the city of Khujand.
CAPACITY "Tojiktelecom", which can be E-GOVERNMENT FOR use the additional Expenses for the establishment of a NEW NETWORK preventing digital telephone networks of cities and districts.
CAPACITY "Tojiktelecom", which can be E-GOVERNMENT FOR use the additional Expenses for the establishment of a NEW NETWORK preventing created a high-speed network backbone optical fiber line.
At the present time the National data transmission network (IDTN) renders services of access to Internet network by means of ADSL technology, strategic target of IDTN is the increase quantity of subscribers and full satisfaction of their requirements for the advanced telecommunication services by transition to modern Internet technologies which will allow to switch their network on qualitatively new level which will give the chance to change essentially quantity and quality of given services.

At the present time there is building Fiber-optical network in Dushanbe city and in parallel is made connection of new subscribers to Internet network with speed of access 100 Mbit/s.

Installed capacity of IDTN on 2015 makes 5.4 thousand ports of broadband access, the quantity of subscribers makes 4.5 thousand subscribers.

The quantity of points of public wireless broadband access on technology Wi-Fi for October, 1st, 2015 makes 40 pieces.
STATUS INFORMATION and communication technologies, and supply of equipment in service under the Government of Tajikistan telecommunication

- Provide all workers with computers and other equipment - 100%
- Jobs INTERNET network connection - 100%
- ORGANIZATION intra NETWORK FOR documentation
- Receives the reports through electronic
ТАТБИҚИ КОНСЕПСИЯ ҲУКУМАТИ ЭЛЕКТРОНӢ ДАР ХАДАМОТИ АЛОҚАИ НАЗДИ ҲУКУМАТИ ЧУМҲУРИИ ТОЉИКИСТОН

ТАШКИЛИ ШАБАКАИ ДОХИЛИИ АЛОҚАИ ТЕЛЕФОНӢ

НАСБИ КАМЕРАҲОИ МУШИҲИДАВӢ ДАР БИНОҲО

НАСБИ GPS ТРЕКЕРҲО ДАР ВОСИТАҲОИ НАҚЛИЁТИ ХИЗМАТИ
Дар соли 2015 аз чониби Хадамоти алоқаи назди Хукумати Чумхурими Тоҷикистон 6 маротиба семинар-машваратҳо бо иштироки намояндagonи макомоти давлати баргузор карда шуд. Хадамоти алоқа мунофика мавдомотҳои вазорату идораҳо тахдил ваъзи истифодаи ТИК-ро гузаронида, бо максади таъмини вазорату идораҳо бо сомона, шабакаи дохиллодоравӣ, хизматрасониҳои алоқаи маҳаллӣ ва интернет, таъминоти барномавӣ, таъхизотҳои зарурӣ, истифодаи имкониятҳои ТИК дар хизмати давлатӣ ва гузаштан ба хукумати электронӣ ҳамкориро ба роҳ мондааст.
Қайд кардан ба маврид аст, ки санади межёрии хукуқии асосий таъмикунаандаи хукумати электронӣ Консепсияи ташаккули хукумати электронӣ буда, айни ҳол бо максади дар амал татбиқ намудани талаботҳои он лоиҳаи “Барномаи миллии татбиқи консепсияи ташаккули хукумати электронӣ дар Чумхурии Точикисон барои солҳои 2016-2018”, ки дар он вазифаҳо ва салохиёти хукуматий тақомоти давлатӣ муайян шудаанд, ба Хукумати Чумхурии Точикисон пешнихоҳд гардидааст.
Дар сурати қабул гардидани лоиҳаи Барномаи зикршуда бо назардошти пешнихоҳдҳои вазорату идораҳо заминаи хукуқӣ барои давра ба давра ташкил намудани хукумати электронӣ фароҳам хоҳад шуд.
НАҚШАИ ХОЗИРАИ ТАБОДУЛИ ИТТИЛООТ БАЙНИ ВАЗОРАТҲО
НАҚШАИ ТАШКИЛИ ИТТИЛООТ БАЙНИ ВАЗОРАТУ ИДОРАҲО БАЪДИ ТАЪСИСИ ХУКУМАТИ ЭЛЕКТРОНӢ

Маркази навигатсия-картографӣ

Маркази минтақаҳои мудириятӣ

СМ
НАҚШАИ ҲОЗИРАИ ТАБОДУЛИ
ИТТИЛООТ БАЙНИ ВАЗОРАТУ ИДОРАҲО ВА АҲОЛӢ
НАҚШАЙ ТАШКИЛИ ИТТИЛООТ БАЙНИ ВАЗОРАТУ ИДОРАҲО VA АҲОЛӢ БАЪДИ ТАЪСИСИ ҲУКУМАТИ ЭЛЕКТРОНИЙ