

AIC Қазақстан Республикасы
Ақпараттандыру және байланыс агенттігі



**On the activity of the Agency of the Republic of
Kazakhstan for Informatization and Communication in
2008 and its goals for 2009-2010**

AIC Agency of the Republic of Kazakhstan for
Informatization and Communication

Strategic directions of the Agency's activities for 2009-2011

1. Electronic government services delivery to public and organizations
2. Providing public and organizations with available services of high quality
3. Involvement of public and organizations to wider use of information and communication technologies in everyday life

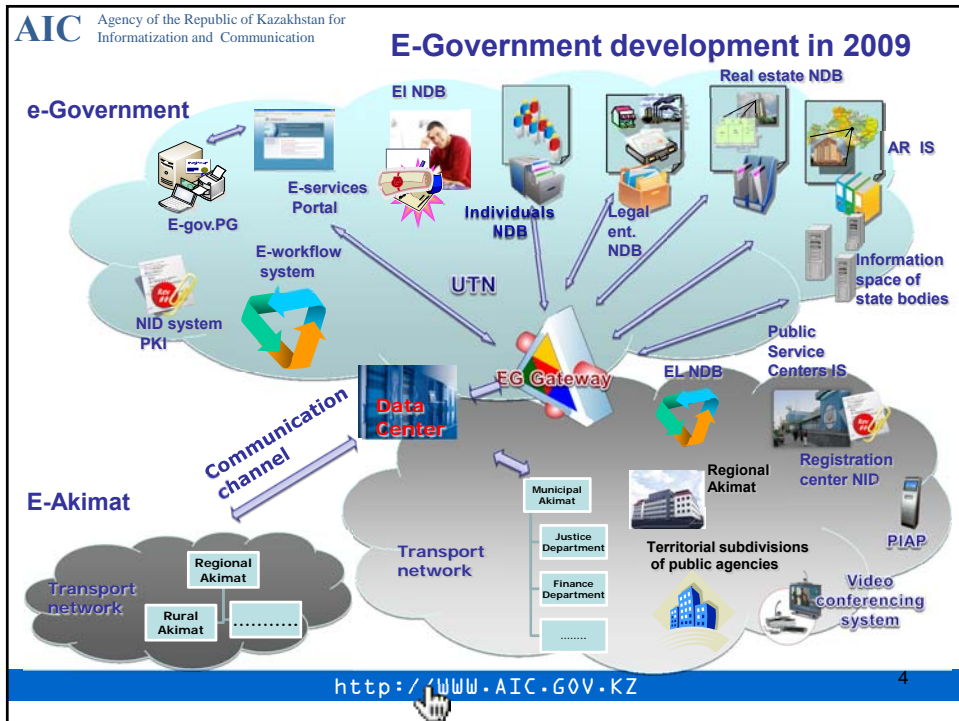
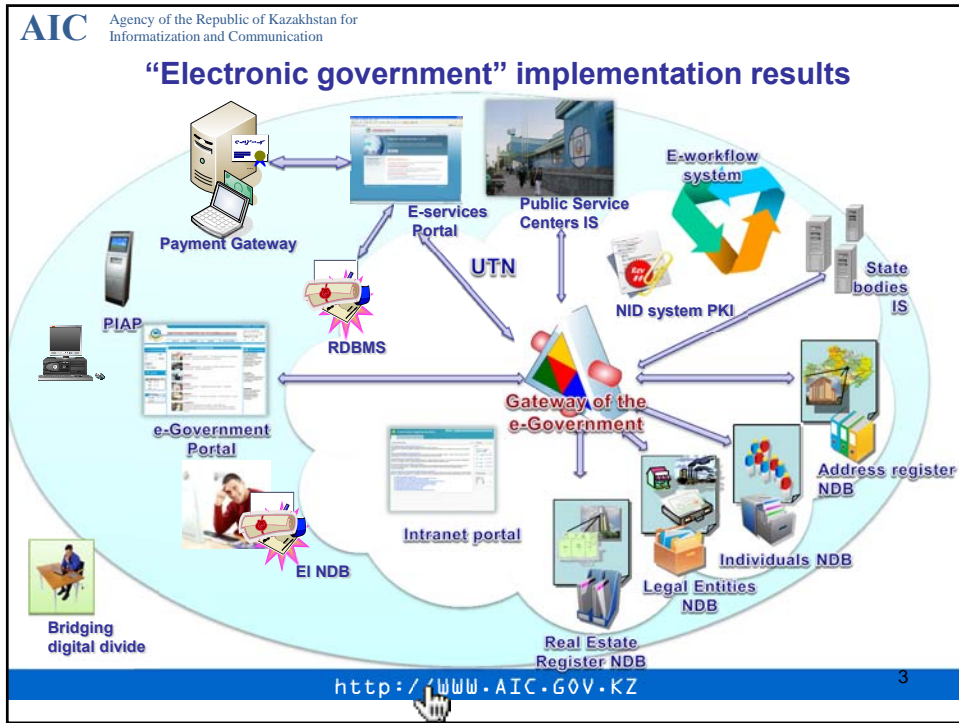
Creating optimal and favorable conditions for both infrastructure and competitive market of telecommunication and electronic services development



State bodies, public and business

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AIC Agency of the Republic of Kazakhstan for Informatization and Communication

The progress of e-Government projects implementation

Readiness of e-Government infrastructure

2008
G-G – 9 services
G-B – 14 services

2009
+ 10 services

2010
+ 10 services

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AIC Agency of the Republic of Kazakhstan for Informatization and Communication

Development of information and communication technologies by means of public and private sectors interaction

Private sector

Public sector

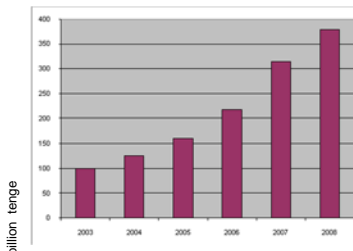
Agency of the RK for Informatization and Communication:

- RSE "CTSAT"
- "NIT" JSC
- "CEC" LLP
- "CFSI" LLP
- "Kazsatnet" JSC
- JSC "Kazcontent"
- "NPC" JSC

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**Telecommunications development
Income of the telecommunications market**



❖ Market volume in 2008 amounted to 379 bln. tenge (~ 3,1bln US\$), that is equal to ~ 3% of GDP.

❖ The growth rates are high running ahead the GDP growth rates (+18% in 2007).

In accordance with update data of communications operators for 2008, the Agency made an analysis of telecommunications services income gained by major operators of the Republic of Kazakhstan. The results of the analysis show rapid growth of mobile operators income as compared with a decline in growth of income of operators, providing established services.

Name of the operator	Income in 2007 (mln. tenge)	Income in 2008 (mln. tenge)	% income growth in 2008 as compared with 2007
JSC "Kazakhtelecom"	118 057	126 124	107%
"KCell" LLP	105 228	123 000	117%
"Kartel" LLP	81 642	87 983	108%
"Altel" JSC	8 448	9 000	107%
"Transtelecom" JSC	6 858	8 969	131%
Total	314 000	379 000	121%

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**Telecommunications development
Key indicators of telecommunications branch**

As of December 31, 2008:

- ❖ the number of mobile subscribers exceeded 15 million people;
- ❖ the number of fixed-line subscribers exceeded 3 million people;

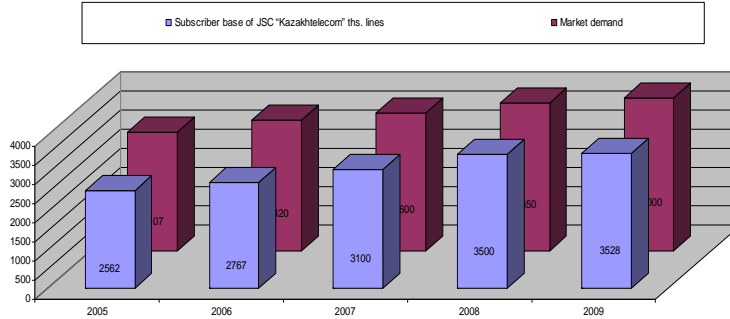
Name of indicators	2006	2007	2008
Telephone density: (per 100 inhabitants)	18.5	20	23
Density of mobile subscribers (per 100 inhabitants)	45	78	98
Number of Internet users (per 100 inhabitants)	4	11	14
The level of digital telecommunications networks	76.8 %	81.52%	86%

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**Telecommunications development
Fixed-line telephony market development**

Communication services using in households according to type of locality

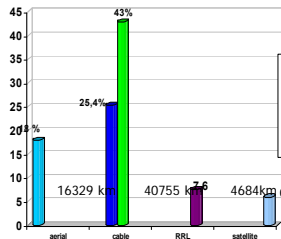
Penetration of fixed-line services	Megapolises	Big cities	Medium and small towns	Urban-type settlements and villages
Local communication within locality	91.1	77.6	69.4	44.6



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**Telecommunications development
Telecommunication services development in rural areas of the Republic of Kazakhstan**

According to data of JSC "Kazakhtelecom", 80 rural settlements were provided with telephone connection in 2008 of which 70 rustic units with population of less than 50 people. Thus, in the Republic of Kazakhstan 7 008 rural settlements from 7 008 rural settlements or 100% have been provided with telephone connection.



However, there are systemic problems of rural communications:

- Imperfection of infrastructure in rural areas (rural connecting lines which total length is equal to 61770 km, among them 15 500 km are analog lines and 16330km of aerial lines of communication);
- Low level of digitalization of rural networks – 37.7% of the total number of automatic telephone exchanges;
- Internet connection low speed or even lack of such opportunity at all;
- The number of people waiting for telephone installation is about 100 000 inhabitants;

Objectives for 2009:

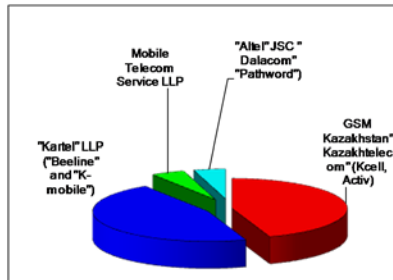
- Increasing the telephone density in rural areas up to 13 %;
- Providing Internet access services in rural areas with population more than 1000 people.

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Telecommunications development Mobile communications sector development in Kazakhstan

Currently, 4 mobile operators are working in Kazakhstan
(with population more than 15 400 000 inhabitants).

The number of mobile operators (as of December 31,
2007) is equal to:



"GSM Kazakhstan "Kazakhtelecom" JSC -
13 987 subscribers ;

"Kartel" LLP - 7 241 601 subscribers;

"Altel" JSC - 700 571 subscribers;

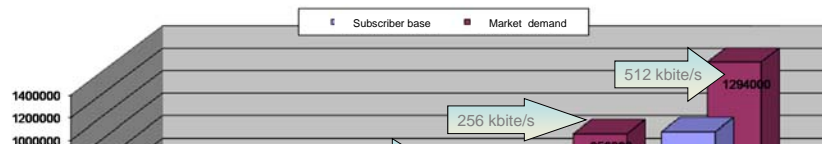
"Mobile Telecom Service" LLP - 737 641 subscribers.

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Telecommunications development Internet access sector development in Kazakhstan

Broadband Internet access market research



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https://www.yunbaogao.cn/report/index/云报告?reportId=5_8213

