

History of growth of the Kazakhtelecom JSC group of companies

● 1994

→ **Foundation of the Kazakhtelecom company.**

● 1995

→ Construction of the Kazakhstan section of the international Trans-Asia-Europe fibre-optic communication line (TAE FOCL).

● 1996

→ Launch of the TLX.25 Turbo telex station.

● 1997

→ Listing of the Company on the Kazakhstan Stock Exchange.

● 1998

→ Launch of a satellite communications system for the provision of telephone services in remote population centres.

● 1999

→ Creation of the National Data Transmission Network under the Kazakhstan Online trademark with the launch of internet access services by ADSL, HDSL, FrameRelay, Dial-up technologies.

→ Putting into operation of the first International Switching Centre (ISC) in Almaty.

● 2000

→ Introduction of ATM technology.

● 2001

→ Creation of the Internet Data Center (IDC) enterprise providing IT services.

● 2002

→ Launch of the National Intelligent Network.

→ Acceptance into operation of the “Russia-Kazakhstan” fibre-optic line crossing.

● 2003

→ Kazakhtelecom became a holder of the honorary international “International gold medal award” for management quality and efficiency.

→ Completion of the transition to digital telephone stations in the capital of Kazakhstan.

● 2004

→ Re-registration of the company from an open joint-stock company (OJSC) into a joint-stock company (JSC).

● 2005

→ Construction of a new data transmission network on the basis of DPT technology and the launch of broadband internet access services “Megaline” on the basis of ADSL technology.

● 2006

→ Allocation of ICT into a separate direction (Directorate of Information Systems).

● 2007

→ Kazakhtelecom ensured 100% distribution of fixed communication services in the territory of Kazakhstan.

● 2008

→ Implementation of the project on the introduction of the Quality Management System (QMS) and acceptance into operation of the Information System of Balanced Indicators.

● 2009

→ Launch of IPTV services under the ID TV brand.

→ The services of access to the telephone network on the basis of the IP protocol (SIP platform) were launched.

● 2010

→ Opening of the Directorate “Academy of Infocommunications Technologies”.

→ Completion of the project “Transition of the telecommunications networks of Kazakhtelecom JSC to Next Generation Network (NGN) technologies”.

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2011

- Transition to 10Gbps technologies.
- Launch of the strategic project on the construction of the universal fibre-optic access network FTTH (Fiber to the Home).

2012

- Sale of 49% of Kcell JSC shares to TeliaSonera.
- Presentation of the largest data centre in the CIS, developed jointly with Hewlett-Packard.
- Launch of the LTE network in Almaty and Astana.
- Launch of the first traffic localisation servers from Google in Astana.

2013

- The Company was recognized as a leader by the level of the corporate governance rating among the subsidiary companies of the Fund in 2013 according to the results of the independent corporate governance diagnostics conducted in five subsidiary organizations of Samruk-Kazyna JSC.

2014

- Launch of the LTE network in all regional centres of Kazakhstan (on the basis of the subsidiary company Altel).
- Launch of a backbone coherent network of the new generation with support for 100 Gbps lambdas of the new generation DWDM.

2015

- Kazakhtelecom digitised the fixed voice communication networks.
- Transition to 100Gbps technology.

2016

- Creation of the Altel/Tele2 joint venture on the mobile communications market.
- Implementation of the Dream project on the organization of the Europe — South-East Asia transit route jointly with China mobile.

2017

- Creation of the Unified Network Management Centre.
- Launch of the unified Cloud Video Monitoring system.

2018

- Acquisition of 75% of Kcell JSC shares.
- The project was approved and the construction of FOCL in 1,249 rural population centres by the PPP mechanism was begun.

2019

- Implementation of the Smart Aqkol project.
- Testing of 5G in the cities of Nur-Sultan and Almaty.
- Acquisition of the 49% stake of Tele2 AB in the joint venture.
- Kazakhtelecom JSC became the winner in the “Deal of the Year” nomination at the annual international TMT M&A Awards 2019.
- Launch of the IoT network.

2020

- The large-scale infrastructure project on the construction of fibre-optic communication lines in 828 rural population centres “FOCL RPC” was completed.
- The project on the provision of 928 rural population centres with a population of more than 250 people with high-speed mobile internet and communication was completed.
- The tobacco products marking service was launched.
- Launch of the new architecture of the Telco Cloud network with the virtualization of the network infrastructure.

2021

- Launch of the project on the provision of telecommunications services to residents of the private sector of cities and nearby villages by Fixed Wireless Access technology.
- Kazakhtelecom JSC launched its multiplatform television service TV+.
- Launch of the project on the creation of a network of points of public access eQoldau in villages.
- Kazakhstan climbed up the Ookla Speedtest Global Index mobile internet speed rating thanks to the expansion of mobile operators’ connections to the Kazakhtelecom JSC network.
- Kazakhtelecom JSC launched a new generation service — eSIM.
- The number of users of the Ismet.kz business marketplace from Kazakhtelecom JSC grew 7 times — to 60 thousand.

2022

- Implementation of the project on the transfer of clients from obsolete copper technologies (ADSL) to “optics”.
- Implementation of the project on the provision of telecom services to residents of cities by the most modern GPON technology.
- Kurchatov became the first single-industry town in Kazakhstan that Kazakhtelecom JSC fully transferred to optical networks.
- At the exhibition in Astana, Kazakhtelecom JSC presented Open RAN technology.
- Kazakhtelecom JSC deployed a K-root DNS server “mirror” on its network.
- Kazakhtelecom JSC opened its own Corporate University for the development of digital talents.

2023

- The beginning of the implementation of the large-scale and nationally important project on the deployment of 5G in the RK.
- Within the framework of the international project for the construction of FOCL along the bed of the Caspian in cooperation with “AzerTelecom” along the “Kazakhstan-Azerbaijan” route, on 22 August 2023 the joint venture “CASPINET B.V.” with the ownership share of Kazakhtelecom JSC of 50% was registered by the Chamber of Commerce in the Netherlands.
- Kazakhtelecom JSC and Microsoft completed the project on the installation of direct peering between their systems in Frankfurt to improve access to Microsoft services and services for Kazakhstani clients.
- The peering connection with the autonomous system of Amazon Web Services in Hong Kong was expanded.
- Putting into operation of an additional 84 rack spaces in the modular data centre in Almaty.
- The World Intellectual Property Organization and the international business school INSEAD in their Global Innovation Index recognized Kazakhtelecom JSC as the leader by the value of the global brand;
- Local PUBG MOBILE servers were launched on the infrastructure of Kazakhtelecom JSC.

2024

- The international authoritative organizations Global CIO and DAMA International recognized the project of Kazakhtelecom JSC — “Data Factory” as the best IT project in the telecommunications industry.
- Kazakhtelecom JSC transferred KZT 1 billion to provide assistance to Kazakhstanis affected by the flood in Aktobe, Kostanay, West Kazakhstan, Ulytau, Akmola, Karaganda, Atyrau, Pavlodar and North Kazakhstan Regions.
- Kazakhtelecom JSC launched a large-scale project on the radical improvement of the quality of the internet at Kazakhstanis — “Sapa+”, within the framework of which it installed about 300 thousand new and modern routers at its clients across the republic.
- Under the “Tazartu” project, Kazakhtelecom JSC transferred more than 70 thousand clients across the country from obsolete copper ADSL technologies to modern optical GPON.
- Kazakhtelecom JSC opened a new venue of synergy, creativity and start-ups and the meeting of venture investors — the Activation Hub innovation centre.
- Kazakhtelecom JSC launched a series of tests on the piloting of a quadrocopter with the use of so-called LAM models, including voice commands.
- Subsidiary of Kazakhtelecom JSC — “Auyltelecom” — is constructing wireless infrastructure in rural population centres of the republic.
- Kazakhtelecom JSC connected more than 200 schools of Atyrau Region to the video monitoring system.
- Kazakhtelecom JSC within the framework of the Mobile Backhaul project is laying “optics” in 12 cities of the republic at once for 5G base stations and 2024 was completed with the fulfilment of licence obligations on the mega project of the deployment of the fifth communication technology in the RK.

- The interactive television “TV+” from Kazakhtelecom JSC based on the results of the year exceeded the mark of 800 thousand users.
- The Speedtest Global Index service published the rating of countries with the fastest internet and by the speed of mobile internet Kazakhstan took 57th place with the average download speed of 53.76 Mbit/s and 88th place by the speed of fixed broadband internet access — 73.67 Mbit/s.
- Kazakhtelecom completed work on the creation of PoP nodes in Frankfurt and Hong Kong with the organization of peering with such companies as: Google, Meta, Amazon, Apple, Netflix, Valve, Microsoft, Telegram, Tencent, Twitch and others.
- The construction of the system of perimeter protection from DDoS attacks, NG Firewall, VAW was completed.

2025

- The high-performance GPU cluster AI-Farabium on the basis of NVIDIA H200 with a computing capacity of up to 26.8 PFLOPS (FP64) and more than 1.5 EFLOPS (FP8) was put into operation, taking 103rd place in the international TOP-500 ranking of supercomputers.
- The infrastructure of cache servers of international content providers (VK, Valve, Yandex, Rutube, Baishan, Wangsu) was expanded, which made it possible to increase the localisation of internet traffic and to reduce network delays for users.
- The Master Service Agreement and an exclusive distributor agreement with Amazon Kuiper on the development of low-orbit satellite communications and the placement of ground infrastructure in Kazakhstan were signed.

- The MVP project of an optical access network on the basis of the open VOLTHA architecture, which confirmed the possibility of integration of equipment of various manufacturers in a single network, was implemented.
- The first stage of the development of the in-house OpenOMCI platform aimed at ensuring the compatibility of equipment and reducing the dependence on vendors was completed.
- The implementation of the strategic project of the construction of the submarine fibre-optic communication line along the Aktau — Sumgait route was continued; the key stages of the engineering and marine surveys were completed.
- 630 thousand families received access to high-speed internet.
- Within the framework of the “Tazartu” project, 77,598 subscribers were transferred from the copper infrastructure to modern GPON optical networks.
- Within the framework of the SAPA+ project, the quality of the internet connection at 387,502 clients was improved through the modernization of user equipment and the replacement of more than 400 thousand modern routers on a free of charge basis.
- The possibility of connecting to high-speed internet was provided to more than 92 thousand new subscribers in the multi-apartment and private sector.
- The implementation of the national project “Provision of high-speed access to the Internet network of the Republic of Kazakhstan” was launched, providing for the connection of 2,991 rural population centres and border territories.
- 524 educational institutions throughout the country were provided with high-speed internet access.
- The application of artificial intelligence solutions was expanded, including the development of video analytics platforms and the scaling of the AI-Mektep project to enhance the safety of the educational environment.
- In the data centre of the city of Almaty, an instance of the root DNS server M-Root was installed, which enhanced the resilience of the internet infrastructure of the region.

- The AntiDDoS system repelled the largest DDoS attack on a subscriber’s infrastructure with a peak volume of 400 Gbit/s.
- The international CC Global Awards 2025 award in the nomination “Regional Telecommunications Operator in the CIS Space” was received.
- The Company acceded to the UN Global Compact initiative, confirming its adherence to the principles of sustainable development.
- The new version of the Corporate Governance Code with the strengthening of requirements for independent directors, gender balance and the integration of ESG approaches was approved.
- According to the results of the international S&P Global assessment, an ESG indicator at the level of 51 points was achieved, exceeding the industry average values.
- A number of international agreements and memoranda of cooperation with Starlink, China Telecom Global Limited, China Mobile International Limited, China Unicom (Hong Kong) Operations Limited, Arelion Sweden AB and VimpelCom PJSC were signed.

