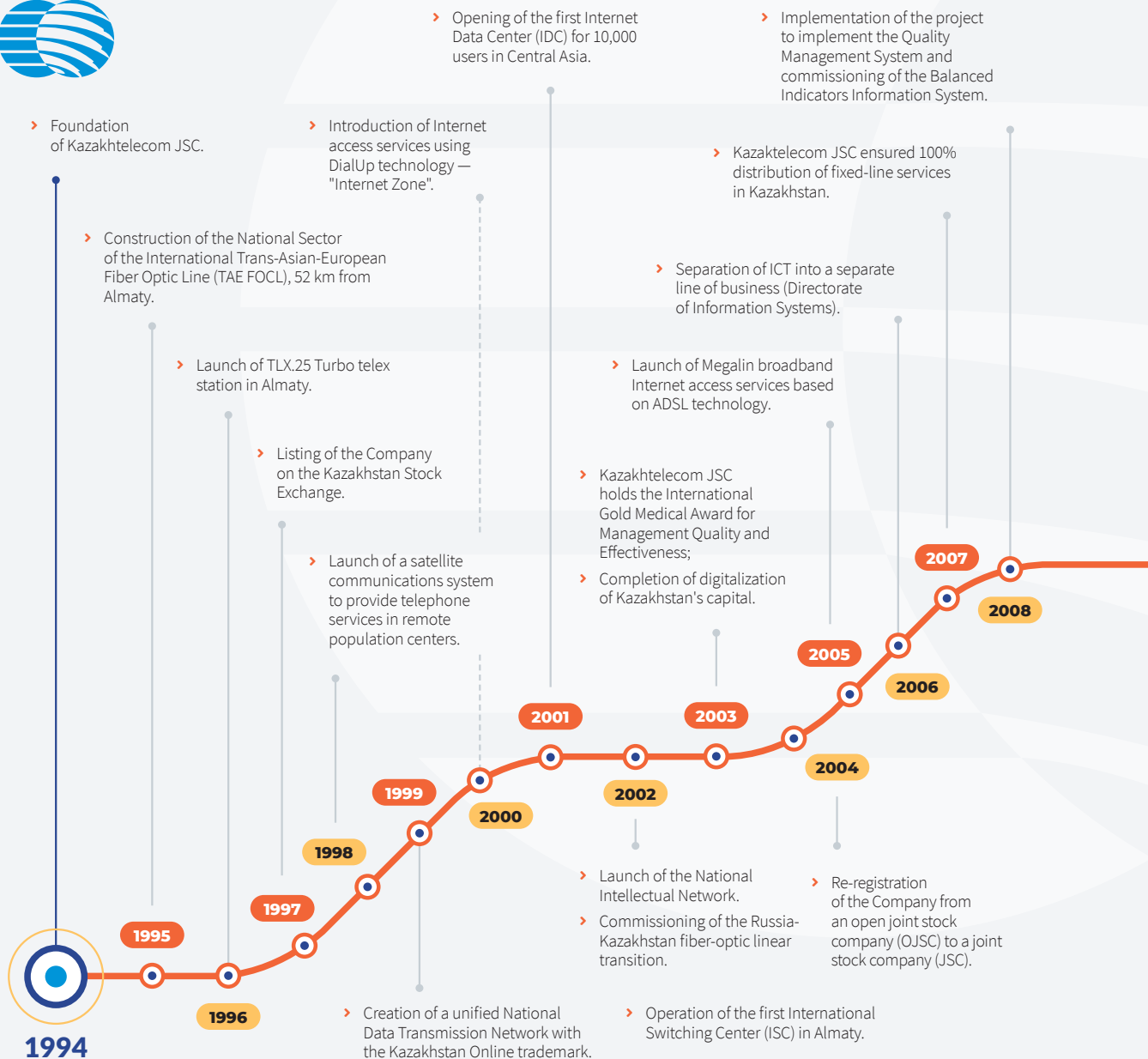


Growth history of Kazakhtelecom Group



- › In Kazakhstan, Kcell JSC's networks are based on the Mobile Office service, which allows the business or its branch to work anywhere in the country and have access to its own information network without changing access parameters, and employees to be mobile.
- › Kazakhtelecom JSC has launched a new generation of services — eSIM. A new eSIM service is now available to Kazakhtelecom subscribers — a digital alternative to a plastic SIM card.
- › In April 2021, Kazakhstan became the leader in the EAEU and Central Asian countries in the global ranking of mobile Internet speed according to Ookla Speedtest Global Index.
- › Kazakhtelecom JSC brought domestic cyber to TV+. At the end of May, Kazakhtelecom JSC's TV+ platform hosted the first online webcasts of Russian cyber sporting competitions.
- › Kazakhtelecom JSC has entered the active phase of the Smart Turkey project, starting to equip the city's utilities and municipal facilities with remote transmission of water consumption data with connection to a IoT network built by a major telecom operator.
- › Kazakhtelecom JSC is creating a network of open access points for eQoldau in rural settlements of the Republic of Kazakhstan, thanks to which residents will have another tool for accessing the world of digital services and e-services.
- › Kazakhtelecom JSC has launched a network of FWAs in Nur-Sultan.

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- › Opening of the Directorate of the Academy of Information and Communication Technologies.
 - › Completion of the project "Transition of telecommunications networks of Kazakhtelecom JSC to Next Generation Network (NGN) technologies".
 - › The Company was recognized as a leader in the corporate governance rating among the Fund's subsidiaries based on the results of an independent diagnostics of corporate governance conducted at five subsidiaries of Samruk-Kazyna JSC.
 - › Creation of ALTEL/Tele2 joint venture in the mobile communications market.
 - › Implementation of the Dream project to organize the Europe-Southeast Asia transit route in cooperation with China Mobile.
 - › Sale of 49% of Kcell JSC shares to TeliaSonera.
 - › Presentation of the largest Data Processing Center (DPC) in the CIS developed in cooperation with Hewlett-Packard.
 - › Kazakhtelecom JSC made 100% digitalization of fixed voice networks.
 - › Implementation of the Smart Aqkol project.
 - › 5G testing in Nur-Sultan and Almaty.
 - › Acquisition of 49% share of Tele2 AB in the joint venture.
 - › Kazakhtelecom JSC was the winner in the Transaction of the Year category at the TMT M&A Awards 2019.
 - › Launch of IPTV services under the iD TV brand.
 - › Launch of a strategic project on the construction of a universal fiber-optic access network FTTH.
 - › Launch of LTE network (based on ALTEL subsidiary).
 - › Launch of the next generation of DWDR backbone network.
 - › Acquisition of 75% of shares in Kcell JSC.
 - › Construction of FOCL RS.
 - › Creation of an Integrated Network Management Center.

- › The international rating agency Fitch Ratings has raised Kazakhtelecom JSC's credit rating to BBB- (Stable) from BB+ (Positive).
- › The project "250+" has been implemented to provide rural settlements with a population of 250 people with broadband mobile Internet.
- › Kazakhtelecom JSC has been designated as the single operator of the system of mandatory labeling of tobacco products, responsible for the technical component, storage of data and timing of information systems of market participants.
- › The construction of the FOCL RS has been completed. Over the 2 years of the project, 14,380 kilometers of fiber-optic networks have been built across the country.
- › Kazakhtelecom JSC completed construction of another 104 base stations using LoRa technology. M2M (machine to machine) and IoT-device can be connected in city municipal systems in the Jambyl and West Kazakhstan regions and also in Turkistan and Almaty. In general, the network has been expanded to 14 cities in the country.
- › In 2020, the new SERPIN Strategy and Transformation Program was launched, which includes digitalization of the core business, development of new digital businesses and digital network transformation.