

How RTMC used Ookla's Data Services to Empower Uzbekistan's Digital Transformation

Benefits



Understand the full scope of Uzbekistan's connectivity strengths and weaknesses



Leverage Ookla's data-driven insights to develop a comprehensive digitization plan



Monitor the progress of Digital Uzbekistan 2030 to ensure continuous improvement

The telecommunications landscape in Central Asia is evolving rapidly, and Uzbekistan has risen to the challenge with its ambitious Digital Uzbekistan 2030 plan. This comprehensive national strategy aims to improve the country's digital infrastructure, increase the efficiency of government services, and foster innovation and economic growth through the integration of modern technologies.

The Republican Telecommunications Management Center of Uzbekistan (RTMC), responsible for implementing this strategy, recognized that data-driven decision making and real-time connectivity performance data were crucial for success. RTMC turned to Ookla's Speedtest Intelligence® data, which has played a key role in Uzbekistan's journey, particularly in the implementation of 5G technology and the overall improvement of connectivity in the country.

Situation

As RTMC began implementing Digital Uzbekistan 2030, they encountered a significant challenge: a lack of objective, real-time network performance data to show progress and evaluate user experiences.

A key objective of the strategy was ensuring a widespread penetration of 5G technology throughout the country, but RTMC needed a way to evaluate 5G deployments and performance. Traditional methods of on-site measurements proved to be sporadic and often not comprehensive enough to provide a clear picture of the evolving telecommunications landscape.

Solution

To address the challenges of implementing Digital Uzbekistan 2030, RTMC turned to Speedtest Intelligence® data. This solution provided a comprehensive way to analyze network performance and user experiences across the country. As part of Uzbekistan's initial 5G rollout, RTMC leveraged Speedtest's crowdsourced data to analyze actual customer speeds, identifying and focusing on underperforming areas.

RTMC paid particular attention to regional centers, industrial zones, technology parks, and educational institutions to promote their goals of digitized public services and digital entrepreneurship growth. Speedtest data also offered valuable insights into individual operator performance, allowing RTMC to assess service quality improvements and identify areas for further development.

Outcome

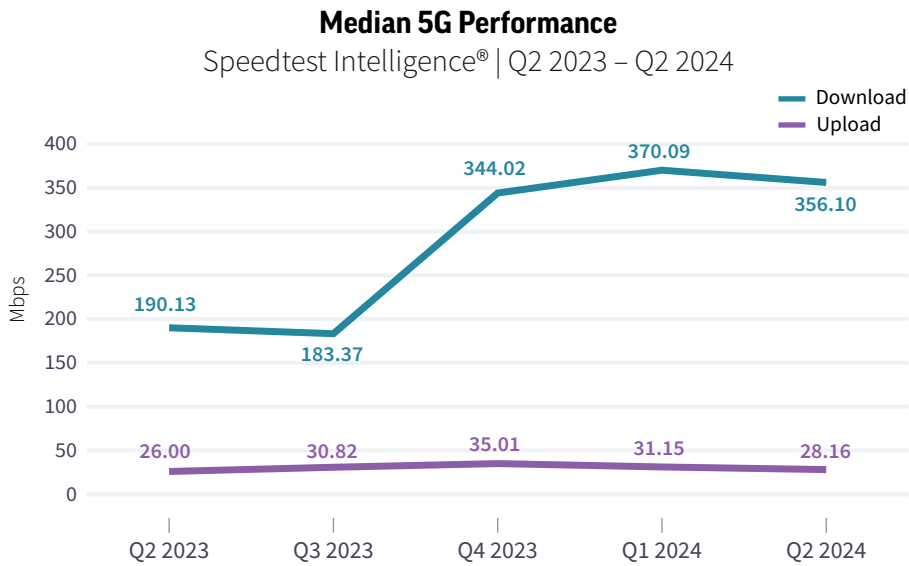
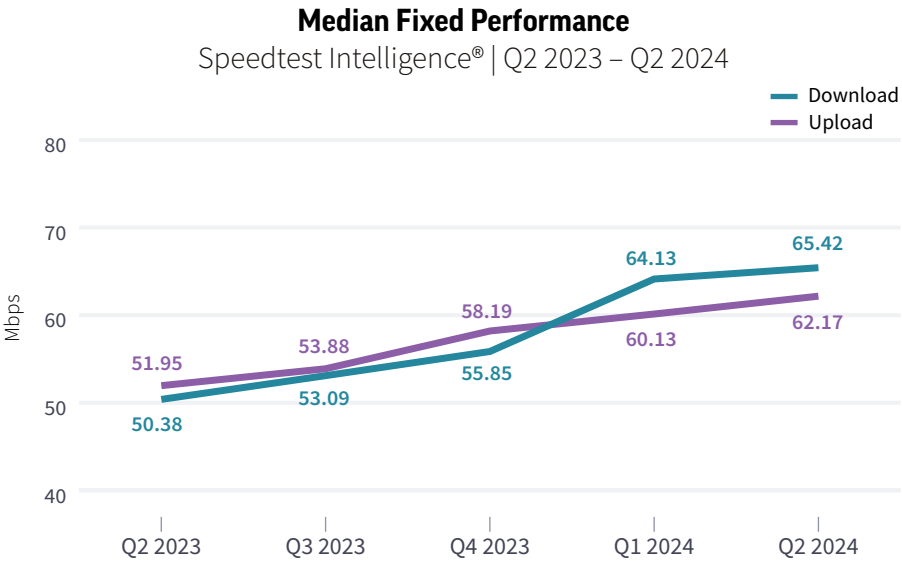
The use of Ookla's Speedtest Intelligence® data has supported RTMC's efforts in implementing the Digital Uzbekistan 2030 initiative, contributing to improvements in the country's digital landscape. While the full realization of the project's goals is expected to take several years, clear progress has been made, touching various aspects of Uzbekistan's technological infrastructure and digital services.

For instance, since beginning its 5G rollout plan and utilizing Ookla's Speedtest Intelligence® data to inform decisions and monitor progress, Uzbekistan has seen improvements in its digital landscape:

- Fixed broadband speeds have improved, with Speedtest Intelligence showing that all fixed broadband providers combined in Uzbekistan showed an increase in median download speed, jumping from 50.38 Mbps in Q2 2023 to 65.42 Mbps in Q2 2024
- Broadband coverage has improved significantly, with 94% of populated areas now covered by fixed broadband internet access
- 99% of residential areas are covered by mobile communications, nearing the 2030 target of 100%
- The e-government portal now offers more than 500 online services
- There's been a sharp increase in the use of modern smartphones, smart devices, and online services among the population

“Cooperation with Ookla has significantly helped RTMC and Uzbekistan as a whole in increasing the availability and speed of the Internet. Speedtest data allowed us to identify areas requiring improvement and objectively measure service quality.”

Shakirov Ulugbek
Director, RTMC



As part of its ongoing Digital Uzbekistan 2030 plan, the country is leveraging Ookla's data to identify areas requiring improvement, measure service quality, and guide its expansion of digital connectivity and infrastructure.

By incorporating Ookla's data-driven insights into its national connectivity strategy, Uzbekistan continues to advance its technological capabilities and digital landscape, building on its position as one of Central Asia's leading countries in telecommunications and digital technology.