

January 2026



Barometer of mobile Internet connections in Afghanistan

01/01/2025 - 12/31/2025



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1. Introducing nPerf



Expert in the telecom network optimization

nPerf is an independent French company based in Lyon (France). For over a decade, nPerf has been a trusted partner for both fixed and mobile operators, providing comprehensive network testing solutions and analysis. Our mission is to accurately measure, evaluate, and enhance the understanding of Internet connectivity around the world.



300k+ tests daily
worldwide.



26Md+ coverage
scans in total.



3k+ servers all
around the world.

Test your Internet connection with nPerf!

nPerf allows you to test the quality of your fixed, mobile, or Wi-Fi Internet connections up to 10 Gb/s! Download our app or visit our website!



Télécharger dans
l'App Store



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Google Play



Test your connection
on nPerf.com

2. Executive Summary



The subscribers of Etisalat enjoyed the best Mobile Internet performances in 2025 in Afghanistan.

Mobile Internet performance in Afghanistan

	Afghan Wireless	Etisalat	MTN	Roshan	Salaam
▼ Download bitrates (Mb/s)	4.18	5.94	2.99	5.06	3.52
▲ Upload bitrates (Mb/s)	2.08	3.96	1.84	1.85	2.33
◀▶ Latency (ms)	68.90	114.81	142.50	187.86	149.21
🌐 Web browsing (%)	28.05	26.76	19.90	28.57	23.23
📺 Youtube streaming (%)	60.05	55.55	45.42	54.08	51.72
nPerf Score (nPoints)	18 575	19 308	9 780	14 965	12 550

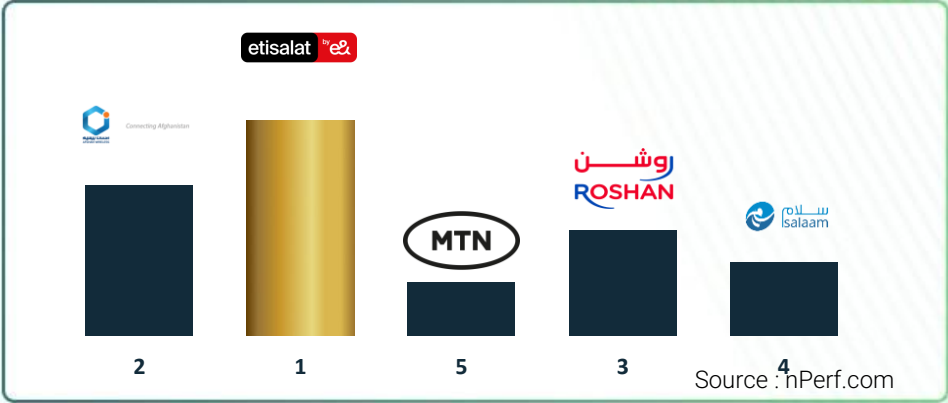
Source : nPerf.com



Best Mobile Internet performance
in 2025



Source : nPerf.com



Source : nPerf.com

The subscribers of Etisalat enjoyed the best 4G Internet in 2025 in Afghanistan.

Mobile Internet performance in Afghanistan

	Afghan Wireless	<u>Etisalat</u>	MTN	Roshan	Salaam
 Download bitrates (Mb/s)	5.81	8.49	6.24	6.68	7.02
 Upload bitrates (Mb/s)	2.90	5.85	4.17	2.43	4.55
 Latency (ms)	63.22	106.80	131.26	184.68	134.63
 Web browsing (%)	31.41	31.14	26.74	29.72	31.56
 Youtube streaming (%)	65.29	62.67	56.47	55.83	59.66
 nPerf Score (nPoints)	24 400	26 230	19 590	18 092	22 507

Source : nPerf.com

The Afghanistan mobile Internet sector displays an average score of 14,936 nPoints. Etisalat leads with 19,308 nPoints and dominates download speed and upload speed. The sector features strong competition between operators and substantial growth, with all providers showing progression over the year.

Etisalat: a consolidated leadership position

Etisalat leads with 19,308 nPoints and achieves the highest download speed at 5.94 Mbps, ideal for streaming HD content. The operator dominates upload speed with 3.96 Mbps, ensuring quality video conferencing and content sharing. With a strong progression of 82.5%, Etisalat demonstrates robust momentum. The operator delivers a well-rounded user experience across key performance indicators.

Afghan Wireless: optimal latency

Afghan Wireless ranks second with 18,575 nPoints and displays the best latency in the sector at 68.9 ms, perfect for online gaming and real-time communications. The operator shares first place ex-aequo in browsing with 28.05%, ensuring smooth web navigation. Afghan Wireless leads video streaming at 60.05% and shows strong progression of 40.4%.

Roshan: a strong progression

Roshan ranks third with 14,965 nPoints and records the strongest growth with 137.6% progression. The operator shares first place ex-aequo in browsing at 28.57% and achieves competitive download speed at 5.06 Mbps (2nd place).

Salaam: significant growth momentum

Salaam ranks fourth with 12,550 nPoints and demonstrates remarkable momentum with 344.6% progression. The operator achieves solid upload speed performance at 2.33 Mbps (2nd place).

MTN: stable positioning

MTN ranks fifth with 9,780 nPoints and maintains a stable sector position.

Afghan Wireless consolidates its strengths in latency and user experience metrics, while Etisalat dominates speed performance. The sector shows positive dynamics with widespread progression across all operators. Users benefit from increasingly competitive offerings, particularly for streaming and real-time communications.

4. Methodology



nPerf provides a free application to assess Internet connection quality via its website and mobile apps (Android, iOS). Daily, thousands of people rely on nPerf for speed tests in their country, contributing to a comprehensive crowdsourced database covering all operators.

The study employs a strong filtering method to reflect real customer experiences on a specific network (mobile or fixed line). Measures are taken to prevent probes and measurement robots from affecting the results.

We assess:

▼ Download bitrate

Indicates the amount of data your connection can receive in one second from the nPerf server. The highest the measured value, the best is the bitrate of your connection.

▲ Upload bitrate

Indicates the amount of data your connection can send in one second to the nPerf server. The highest the measured value, the best is the bitrate of your connection.

◄► Latency (ping)

It indicated the delay a small packet of data requires to make a round-trip from your computer to the nPerf server. The shorter the delay, the most reactive your connection is. The mean is the minimum value.

🌐 Browsing performance

The browsing test assesses the load time of the fully loaded pages, including images, javascript, CSS, and fonts, for the five most popular sites. This indicator reflects the perceived quality by the user.

📺 Streaming performance

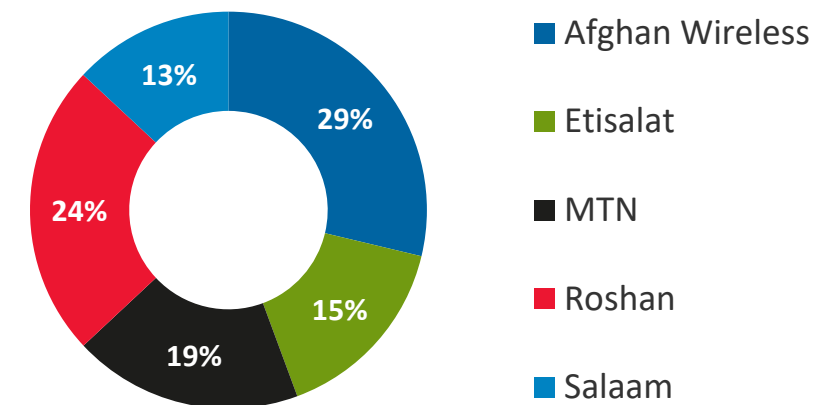
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

Statistical precision is crucial in accurately determining winners. At nPerf, we prioritize test quality, precise reporting, and transparency. Analyzing a large volume of tests in this study, we've achieved 1.5% precision for absolute values and 1% point for percentage-based results, highlighting the reliability and accuracy of our data.

For a more comprehensive understanding of the user experience, our report features test results during both Busy hours (6 PM to 11 PM) and Idle hours (the rest of the day). Busy hours, marked by network strain, can impact user experience through congestion. This approach helps in understanding how network performance fluctuates throughout the day.

We only include national Internet service providers with test share above 5% share. The chart below shows the overall test distribution for each service provider.

Overall distribution of the tests per provider (ISPs Share)



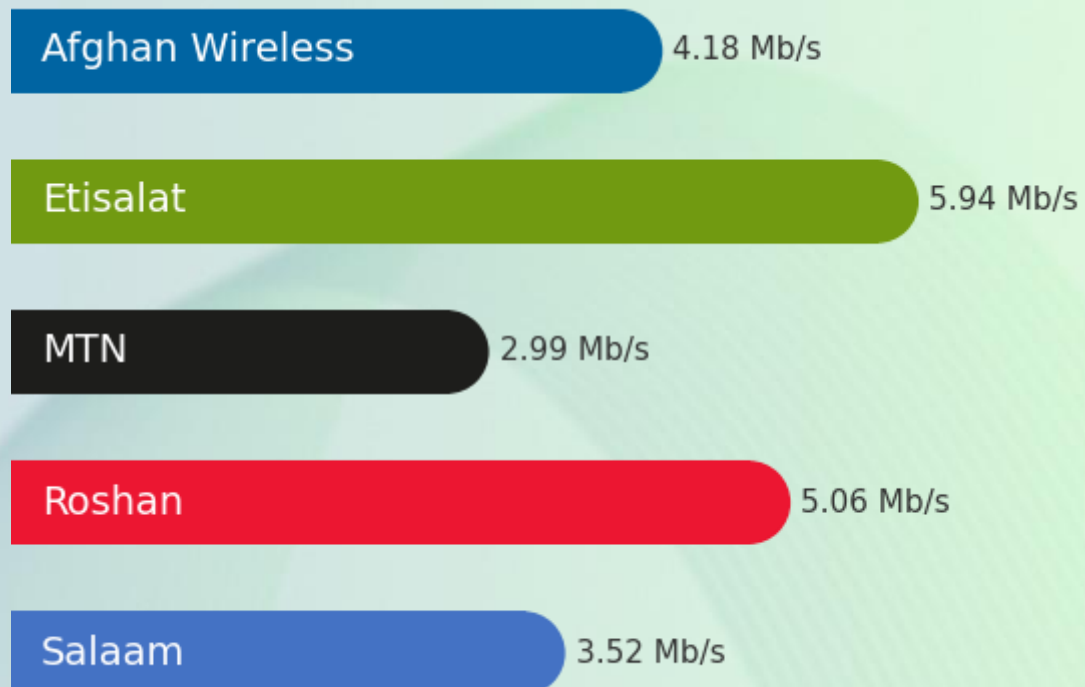
Source : nPerf.com



Download Speed



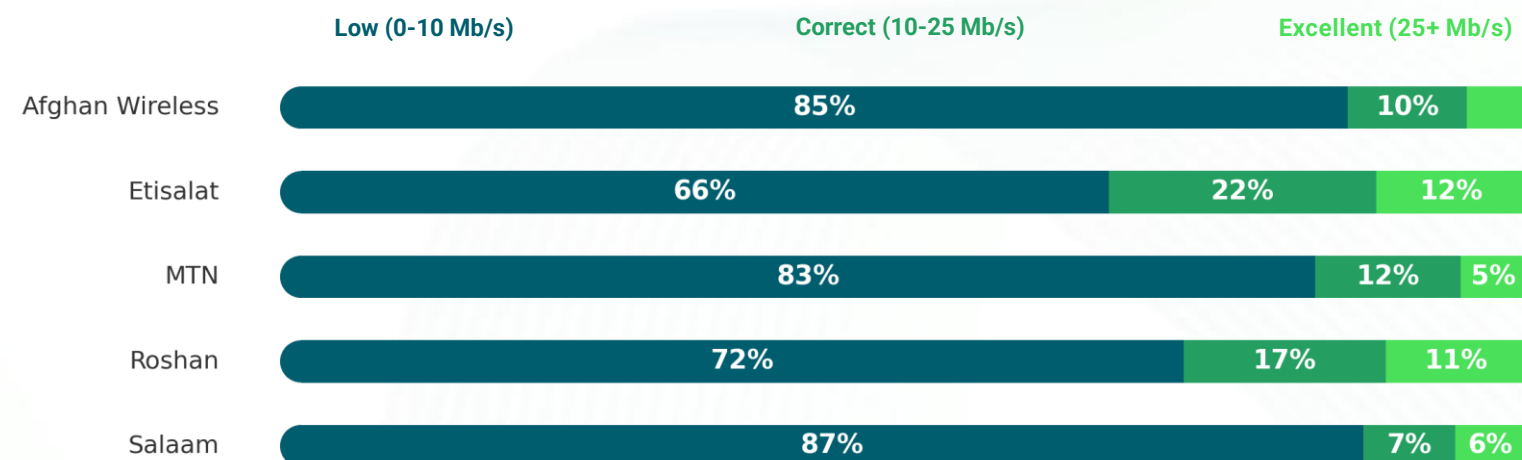
Download Speed (average)



Source : nPerf.com

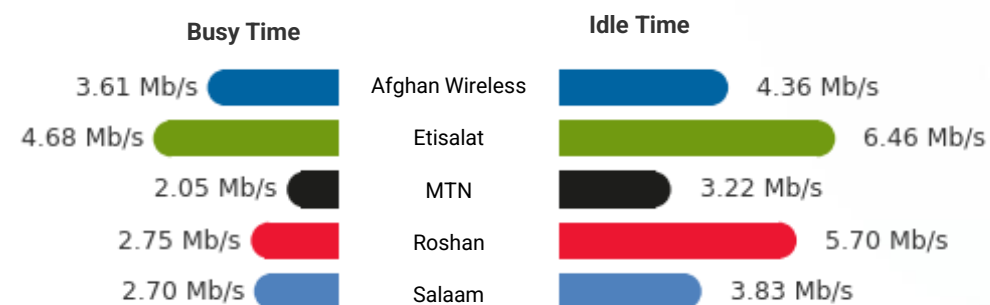
The subscribers of Etisalat enjoyed the best Mobile Internet Download Speed in 2025.

Download Speed results ventilation (average)



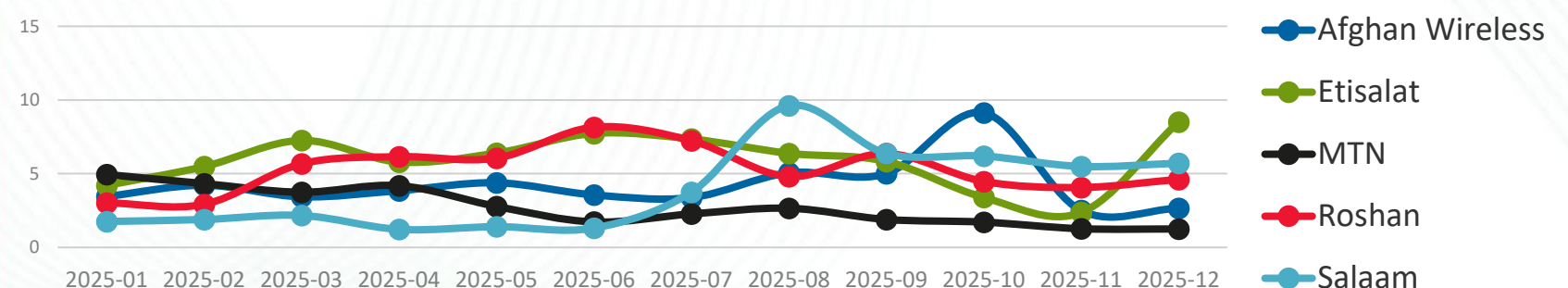
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



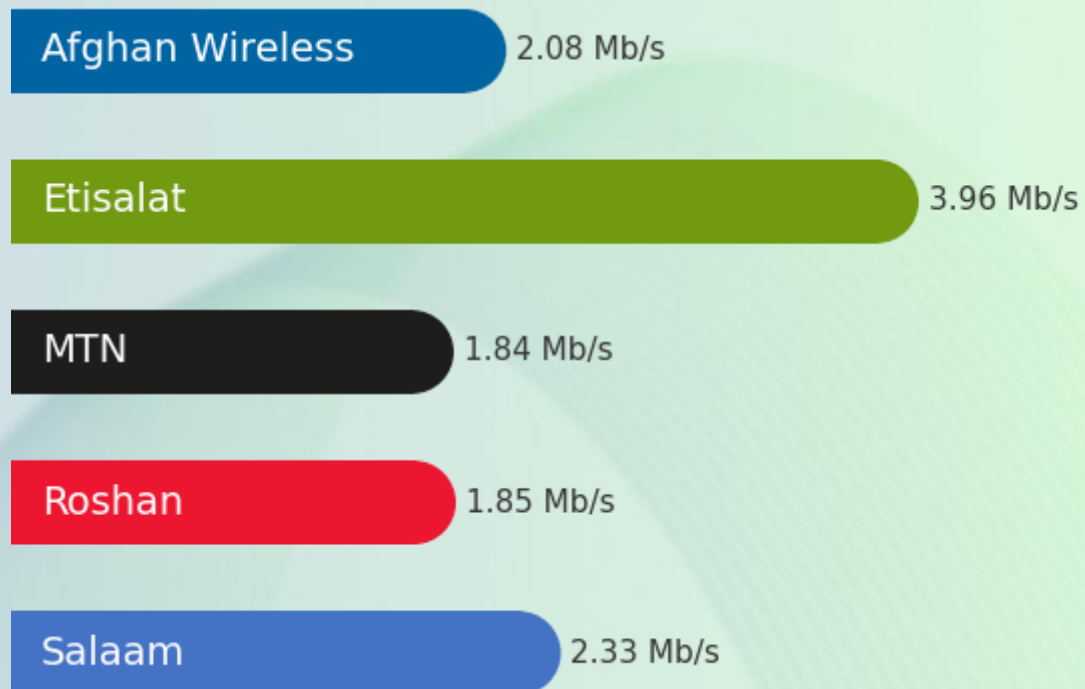
Source : nPerf.com



Upload Speed



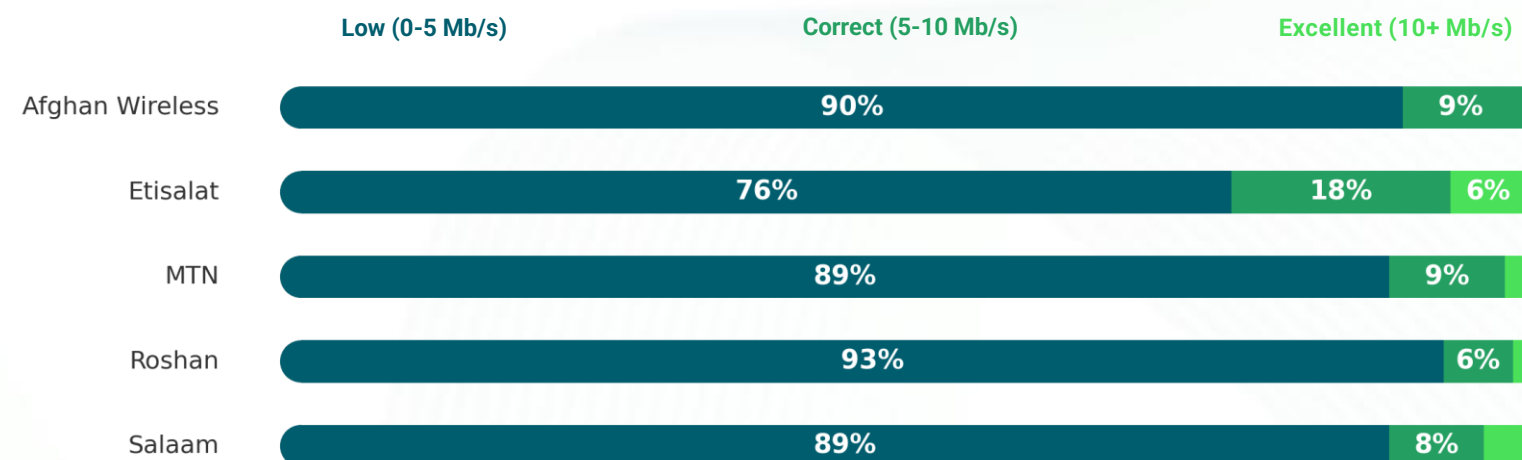
Upload Speed (average)



Source : nPerf.com

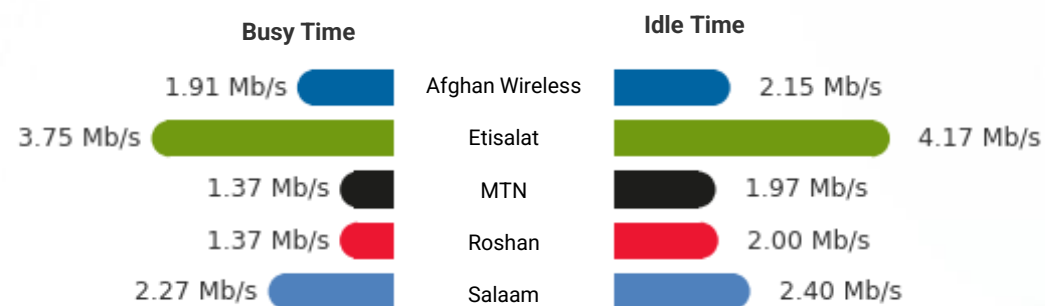
The subscribers of Etisalat enjoyed the best Mobile Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



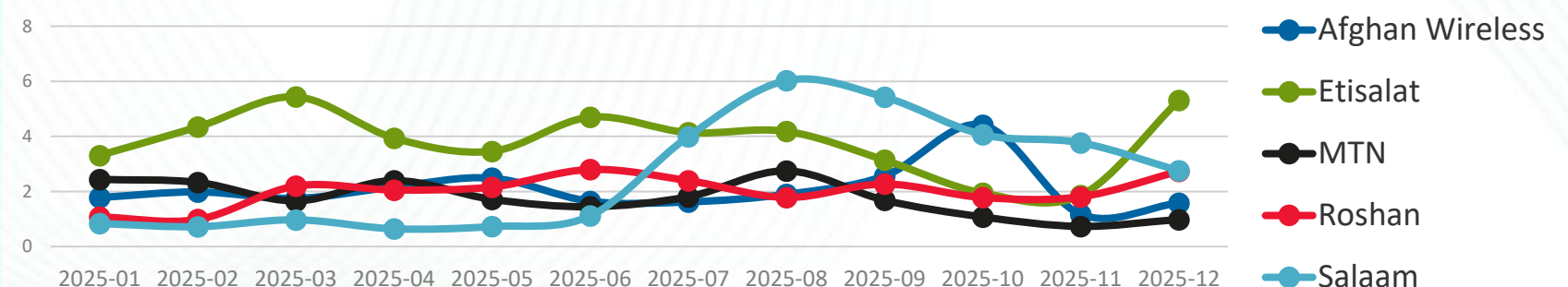
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

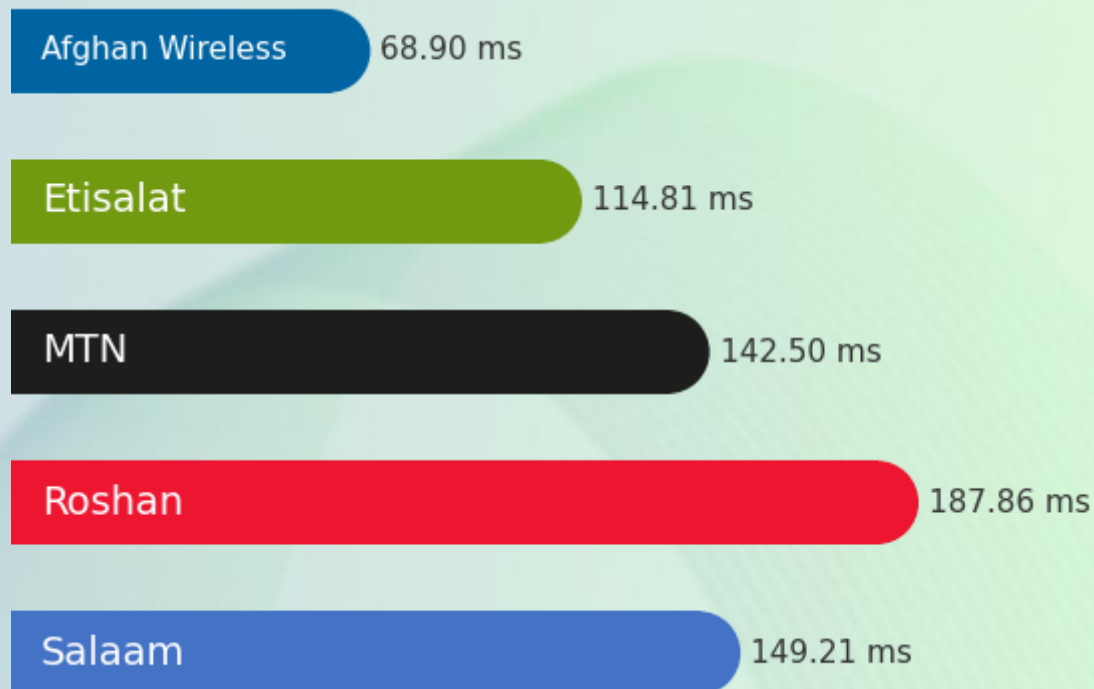
Upload Speed evolution over the year (average)



Source : nPerf.com



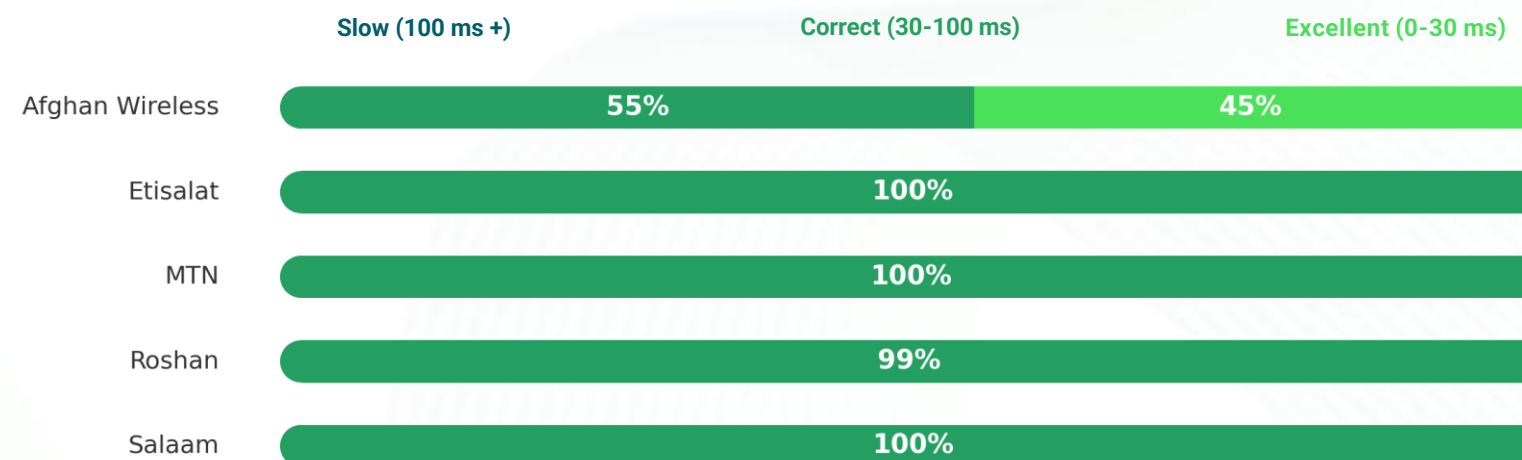
Latency (average)



Source : nPerf.com

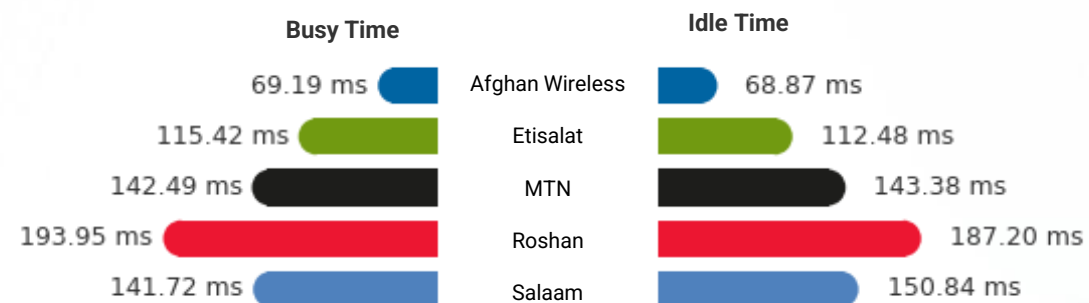
The subscribers of Afghan Wireless enjoyed the best Mobile Internet Latency in 2025.

Latency results ventilation (average)



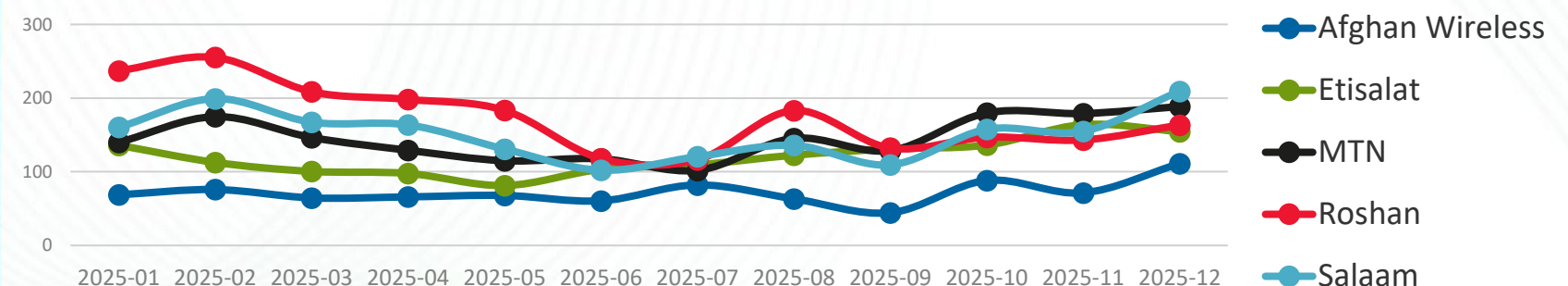
Source : nPerf.com

Latency (average)



Source : nPerf.com

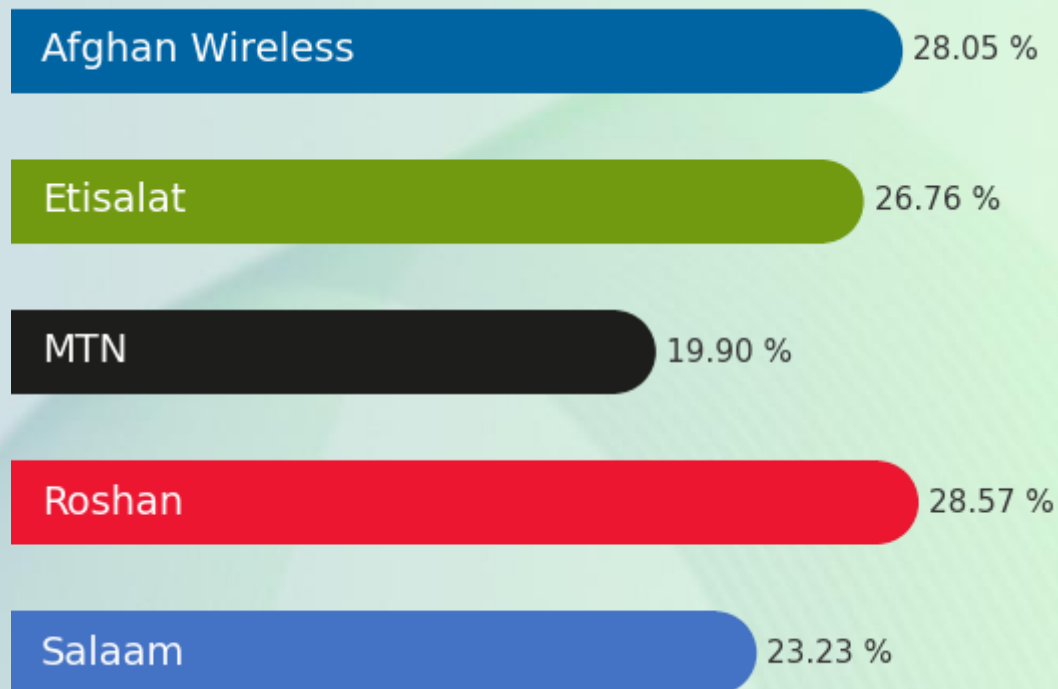
Latency evolution over the year (average)



Source : nPerf.com



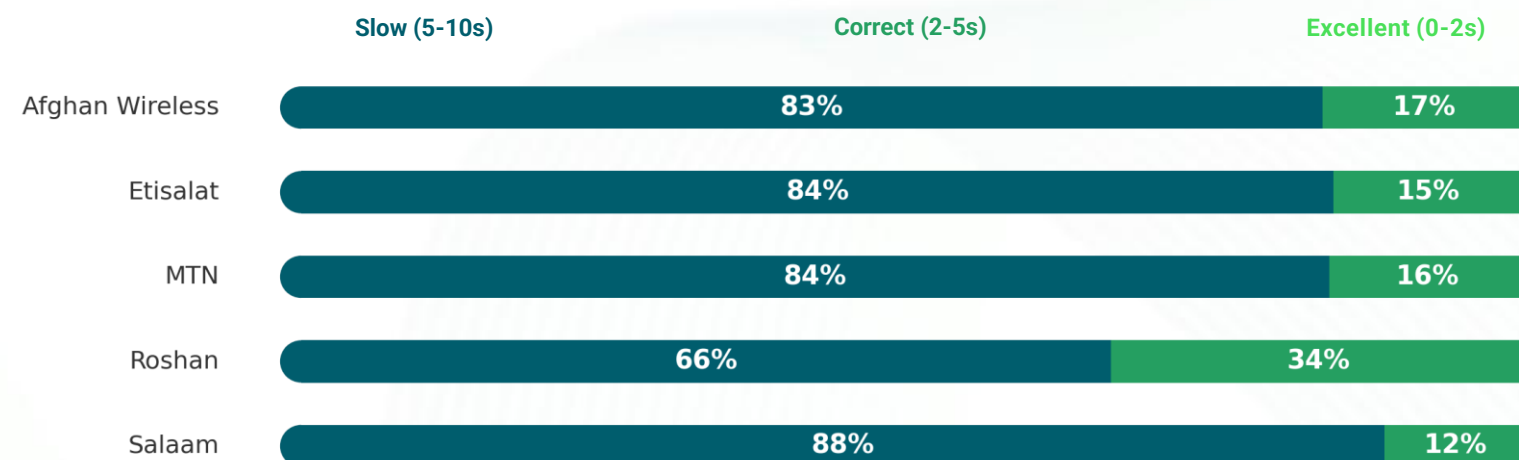
Browsing Performance (average)



Source : nPerf.com

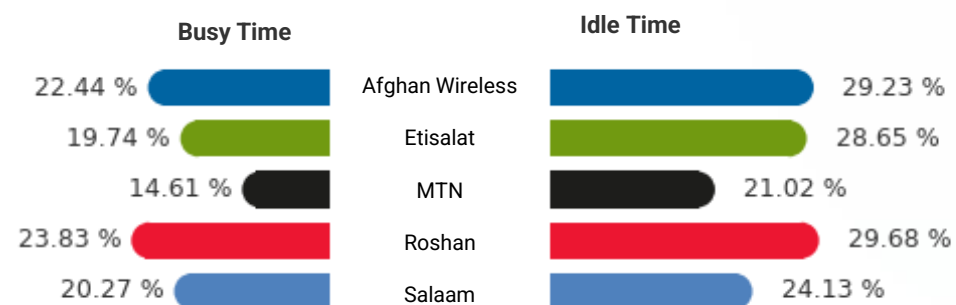
The subscribers of Afghan Wireless and Roshan enjoyed the best Mobile Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



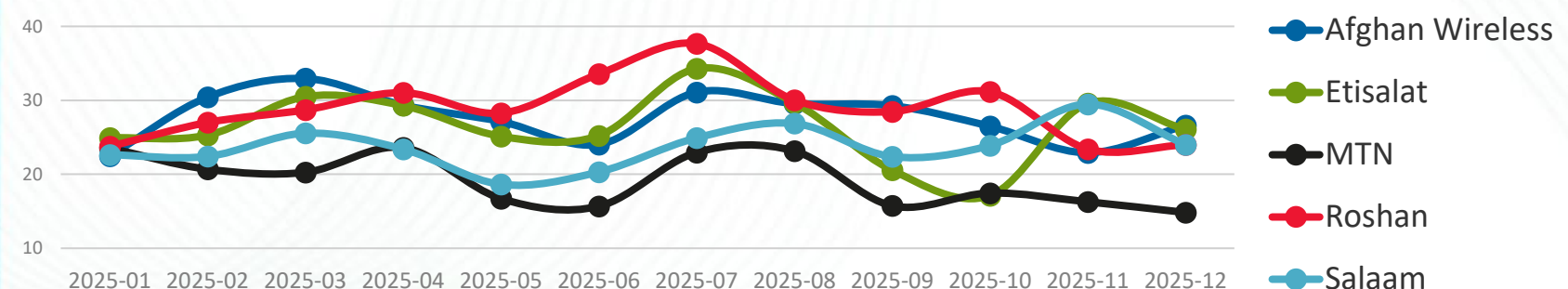
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



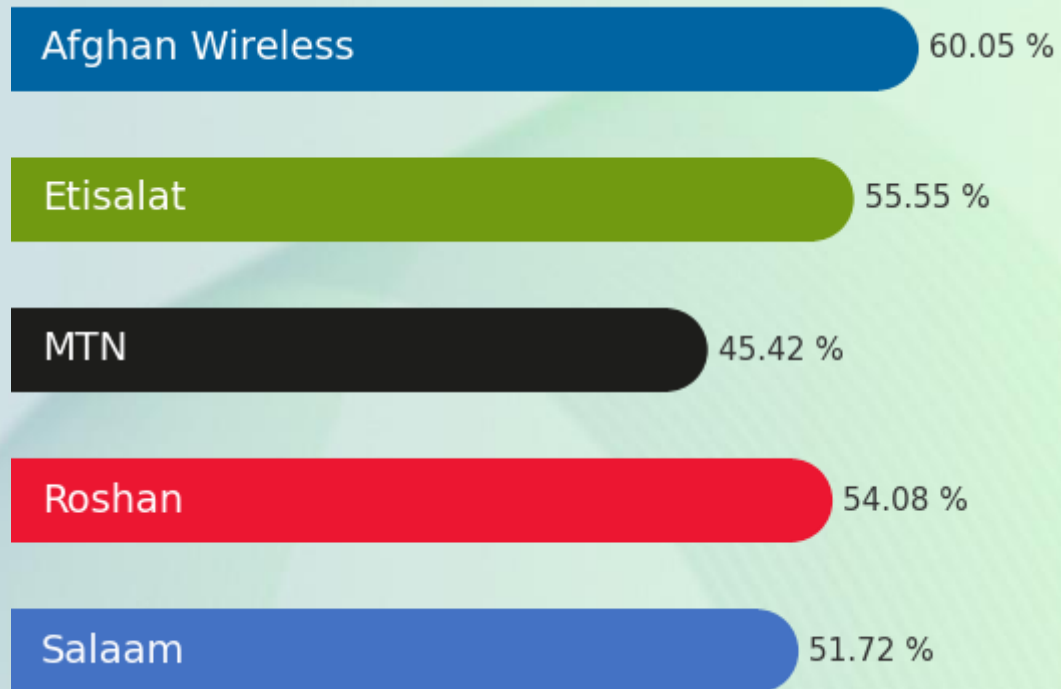
Source : nPerf.com



Streaming Performance



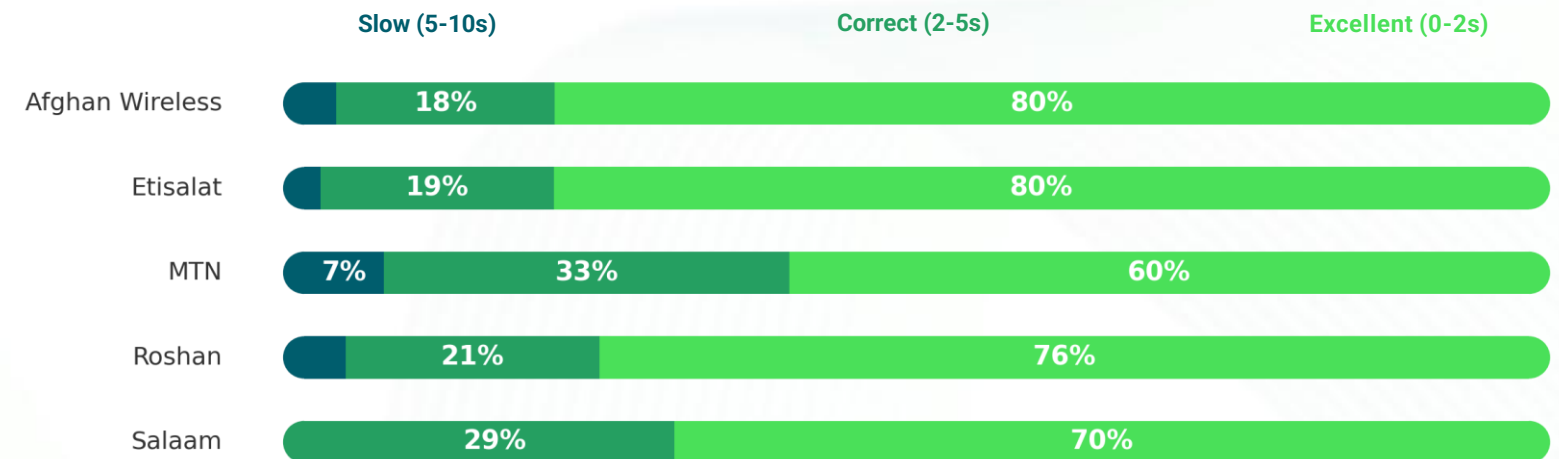
Streaming Performance (average)



Source : nPerf.com

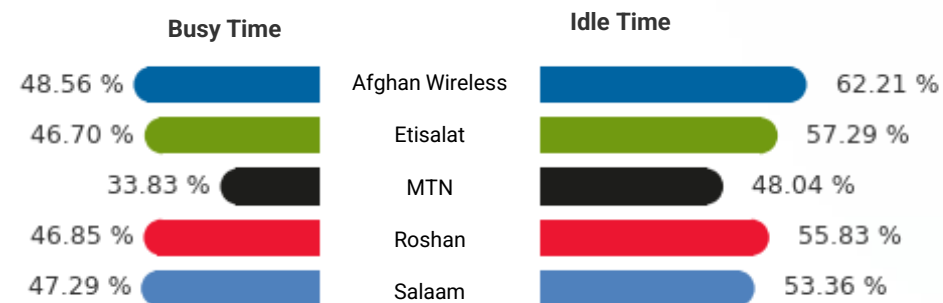
The subscribers of Afghan Wireless enjoyed the best Mobile Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



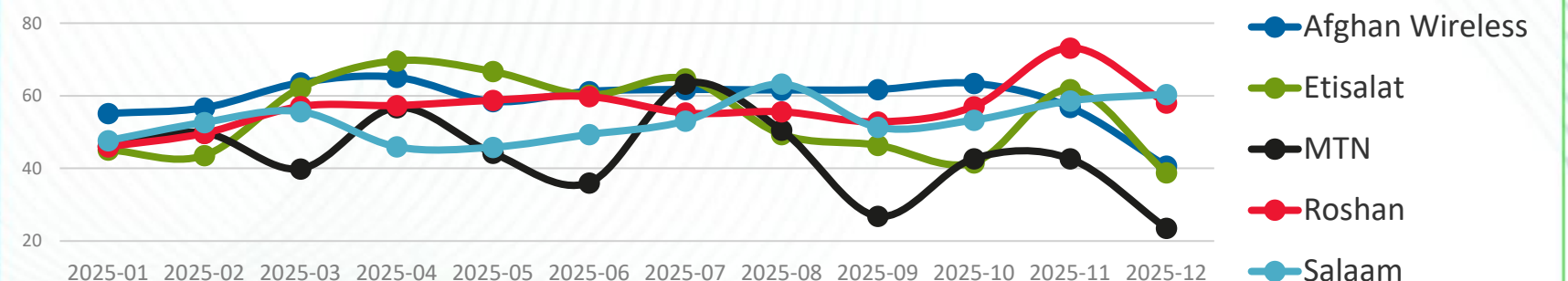
Source : nPerf.com

Streaming Performance (average)



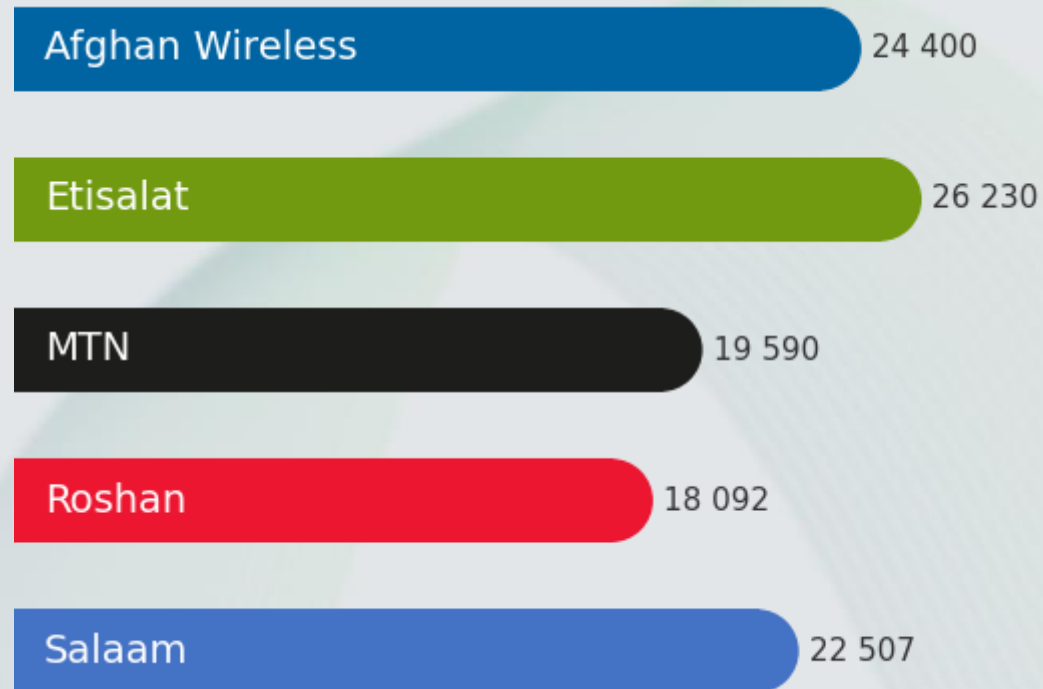
Source : nPerf.com

Streaming Performance evolution over the year (average)



Source : nPerf.com

nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of Etisalat enjoyed the best 4G Internet in 2025.

Best performances 4G: Etisalat

Fastest performances (Download Speed) 4G: Etisalat

Fastest performances (Upload Speed) 4G: Etisalat

4G connections with the lowest latency: Afghan Wireless

Best web browsing performances 4G: Afghan Wireless, Etisalat and Salaam

Best streaming performances 4G: Afghan Wireless

Source : nPerf.com

etisalat



MTN

روشن
ROSHANسالاام
Salaam

2

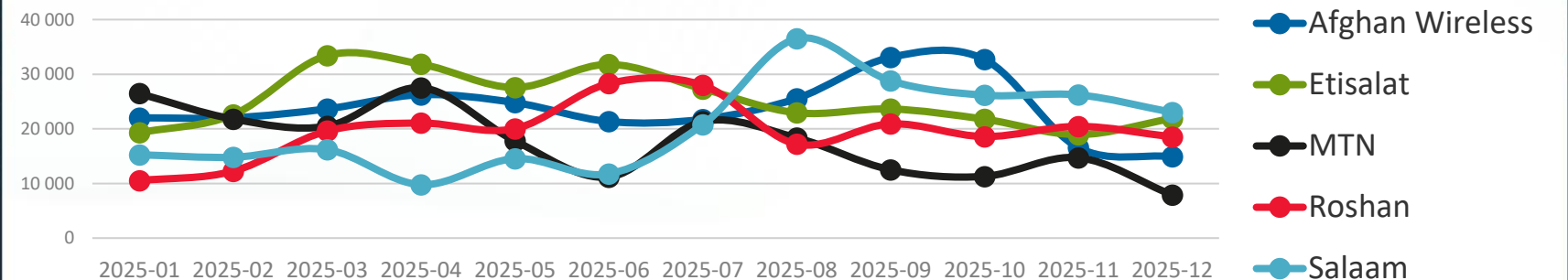
1

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Source : nPerf.com

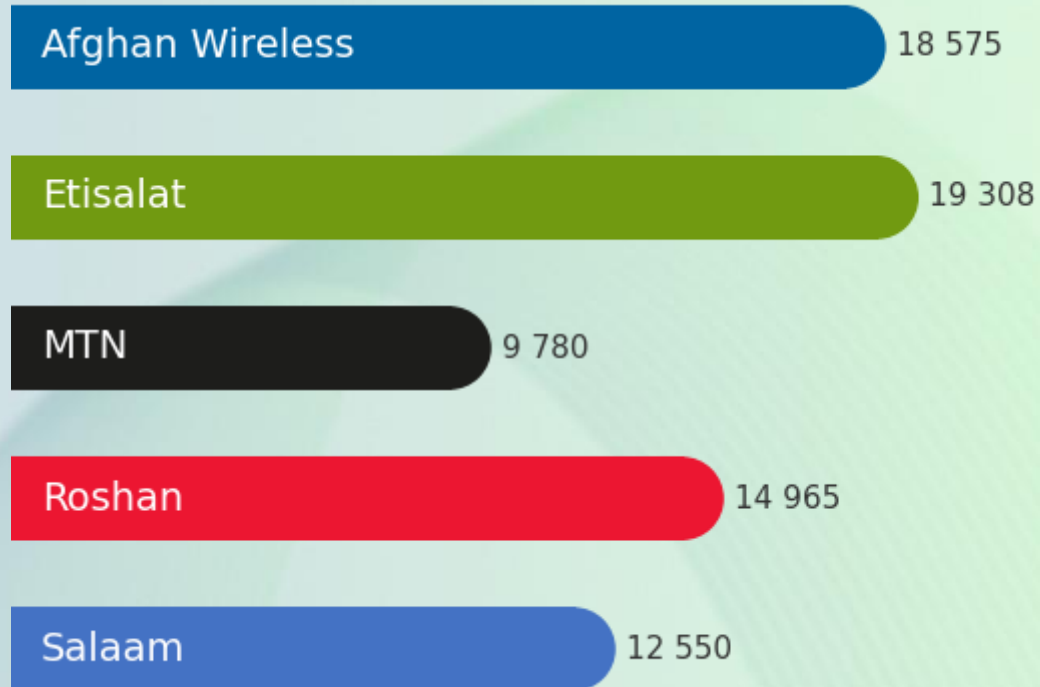
4G evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)

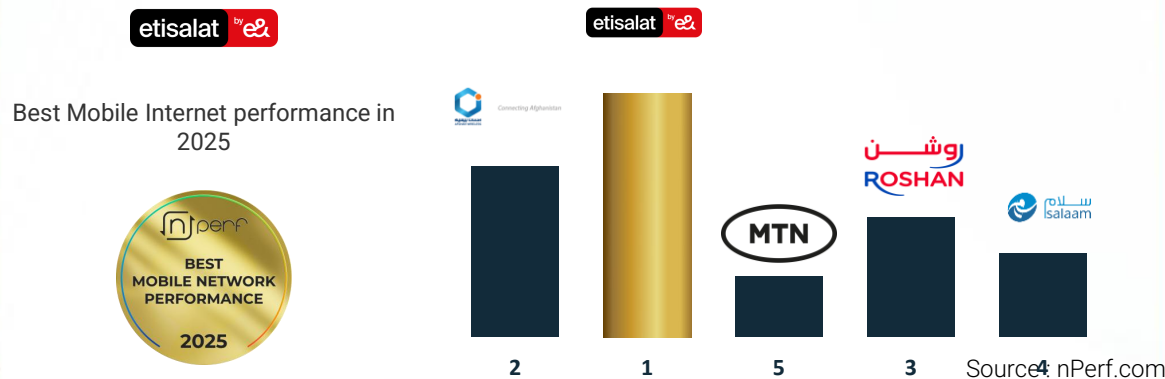


Source : nPerf.com

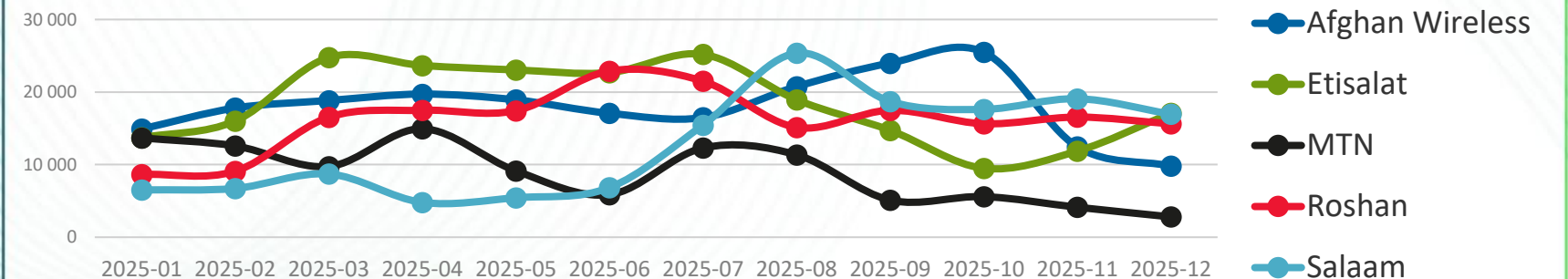
The subscribers of Etisalat enjoyed the best Mobile Internet performances in 2025.

The nPerf score takes into account the measured bitrates, the latency and the QoE tests. The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user. Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nPerf.com



nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

