



Barometer of mobile Internet connections in Thailand

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.



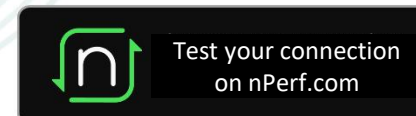
26Md+ coverage
scans in total.



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!



2. Executive Summary



The subscribers of True Move H enjoyed the best Mobile Internet performances in 2025 in Thailand.

Mobile Internet performance in Thailand

	AIS	dtac	True Move H
▼ Download bitrates (Mb/s)	77.02	50.73	77.16
▲ Upload bitrates (Mb/s)	19.90	15.17	24.24
◀▶ Latency (ms)	27.75	37.30	29.55
🌐 Web browsing (%)	63.09	67.03	64.87
📺 Youtube streaming (%)	75.99	80.06	77.83
nPerf Score (nPoints)	83 226	77 478	85 644

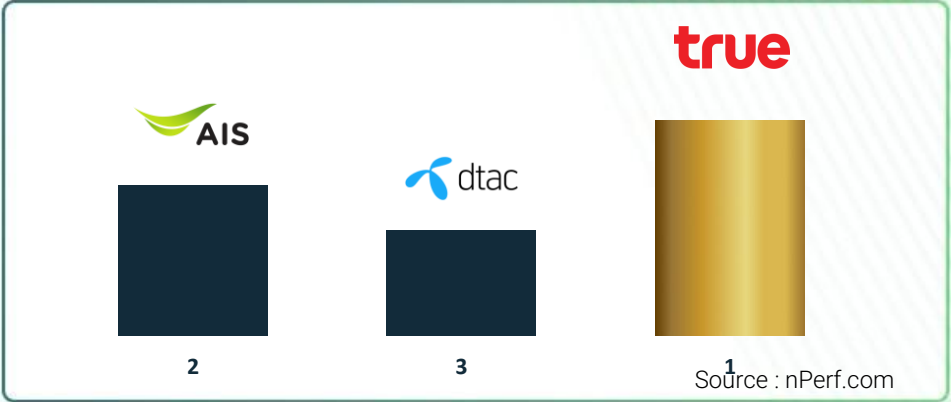
Source : nPerf.com



Best Mobile Internet performance
in 2025



Source : nPerf.com



Source : nPerf.com

The subscribers of True Move H enjoyed the best 5G Internet in 2025 in Thailand.

Mobile Internet performance in Thailand

	AIS	dtac	<u>True Move H</u>
 Download bitrates (Mb/s)	148.66	104.80	142.18
 Upload bitrates (Mb/s)	28.32	41.67	47.98
 Latency (ms)	25.21	28.74	24.94
 Web browsing (%)	68.64	73.03	72.65
 Youtube streaming (%)	78.17	82.18	78.11
 nPerf Score (nPoints)	98 834	100 612	104 255

Source : nPerf.com

The Thailand mobile Internet sector displays an average score of 82,116 nPoints. True Move H leads with 85,644 nPoints and dominates upload speeds and download speeds. The sector shows healthy competition with all operators achieving growth between 0.7% and 2.2%.

True Move H: leadership position confirmed

True Move H leads with 85,644 nPoints and records strong growth of +2.2%. The operator shares first place ex-aequo on download speed with 77.16 Mbps, ideal for HD streaming and fast downloads. It dominates upload speed with 24.24 Mbps, ensuring quality video conferencing and seamless content sharing. With solid performances across all metrics, the operator delivers a balanced user experience.

AIS: competitive download speeds

AIS ranks second with 83,226 nPoints and shares first place ex-aequo with True Move H on download speed (77.02 Mbps). The operator achieves optimal latency with 27.75 ms, perfect for online gaming and real-time communications. With solid upload speeds at 19.90 Mbps (2nd place), it ensures efficient video calls and content uploads.

dtac: browsing and streaming quality

dtac ranks third with 77,478 nPoints and leads both browsing (67.03%) and video streaming (80.06%), delivering smooth content consumption and fluid navigation. The operator progresses by 1.4% and demonstrates consistent performance improvement across key user experience indicators.

True Move H strengthens its leadership with balanced performances across all indicators. The sector shows positive momentum with universal growth and intensified competition on speeds. Users benefit from increasingly efficient services, particularly for streaming, downloads 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

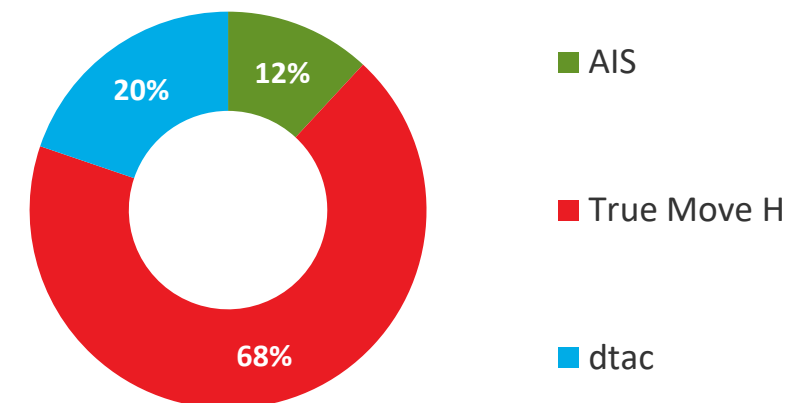
The video streaming test gauges the load time of a fully loaded video in three resolutions on YouTube, considering stalls during playback. This indicator reflects the perceived quality by the user.

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 0.4% 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



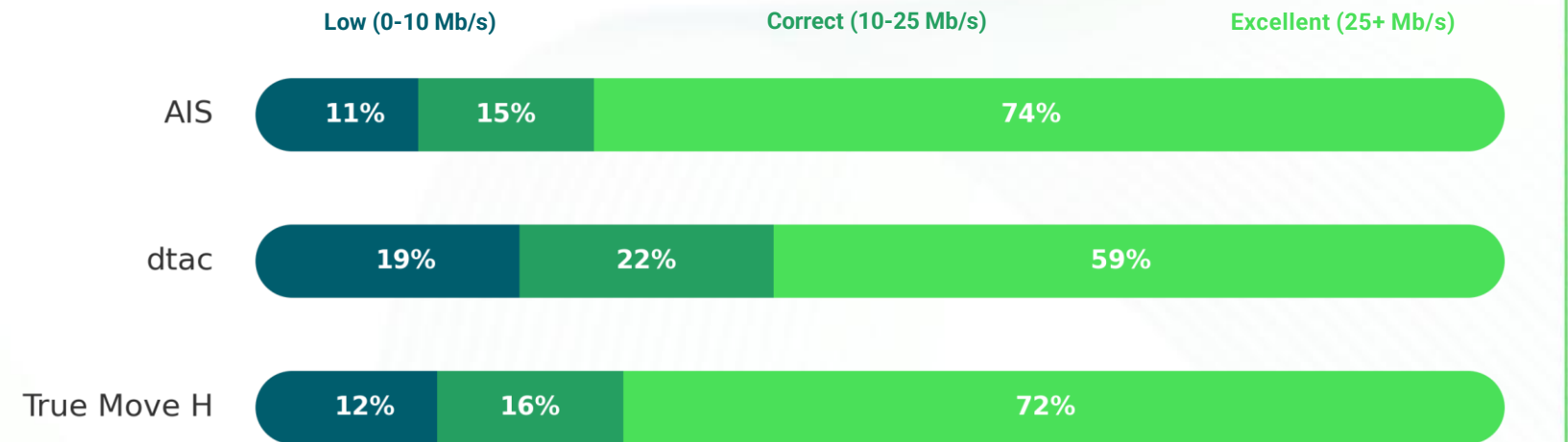
Download Speed (average)



Source : nPerf.com

The subscribers of AIS and True Move H enjoyed the best Mobile Internet Download Speed in 2025.

Download Speed results ventilation (average)



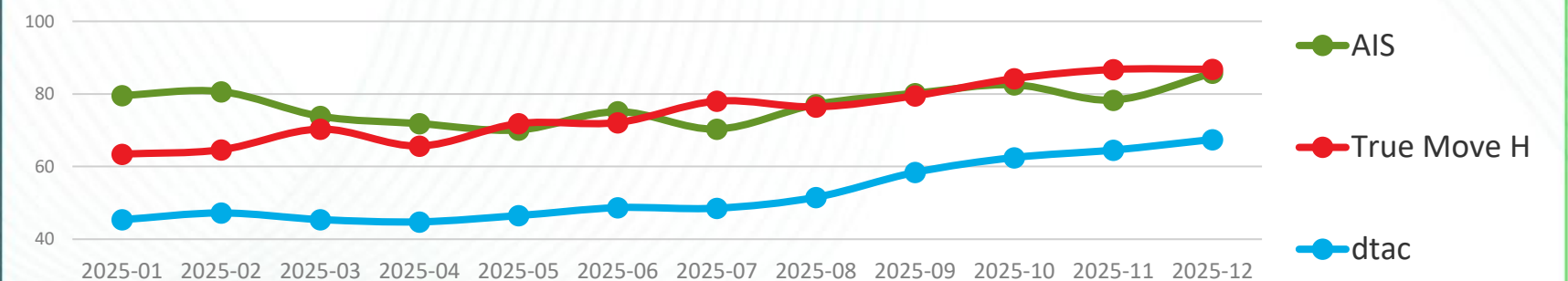
Source : nPerf.com

Download Speed (average)



Source : nPerf.com

Download Speed evolution over the year (average)



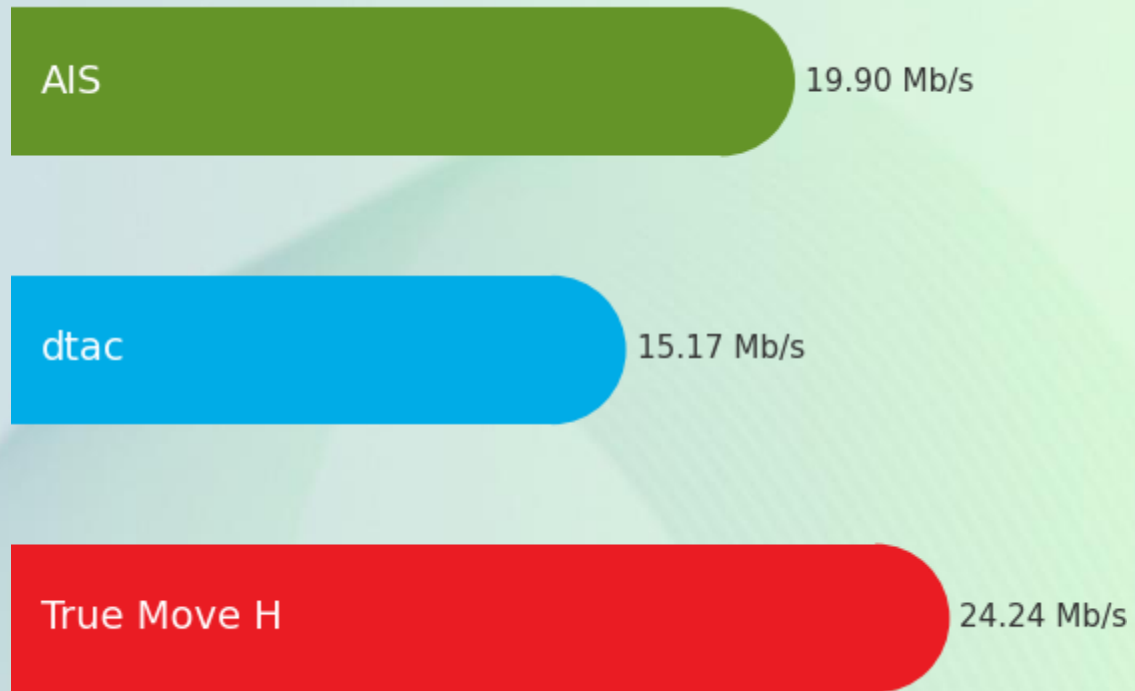
Source : nPerf.com



Upload Speed



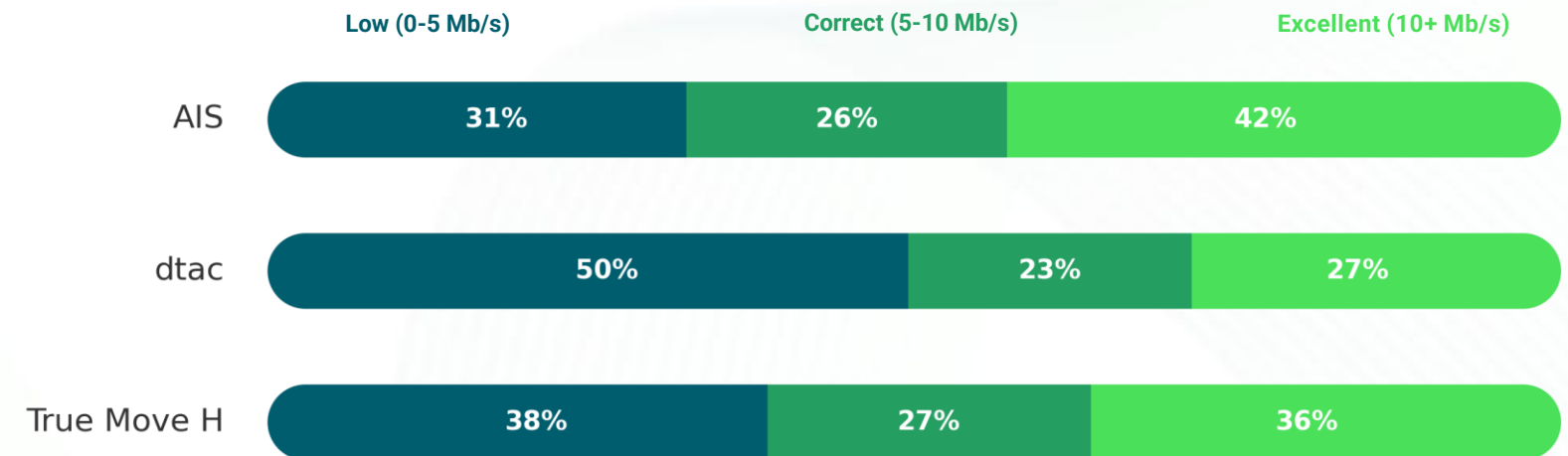
Upload Speed (average)



Source : nPerf.com

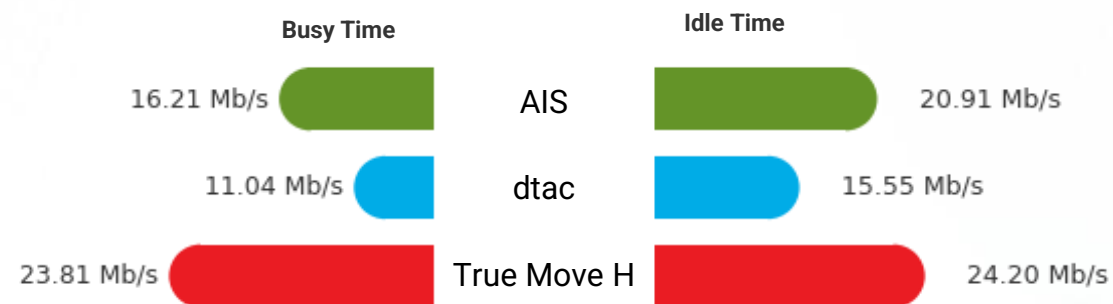
The subscribers of True Move H enjoyed the best Mobile Internet Upload Speed in 2025.

Upload Speed results ventilation (average)



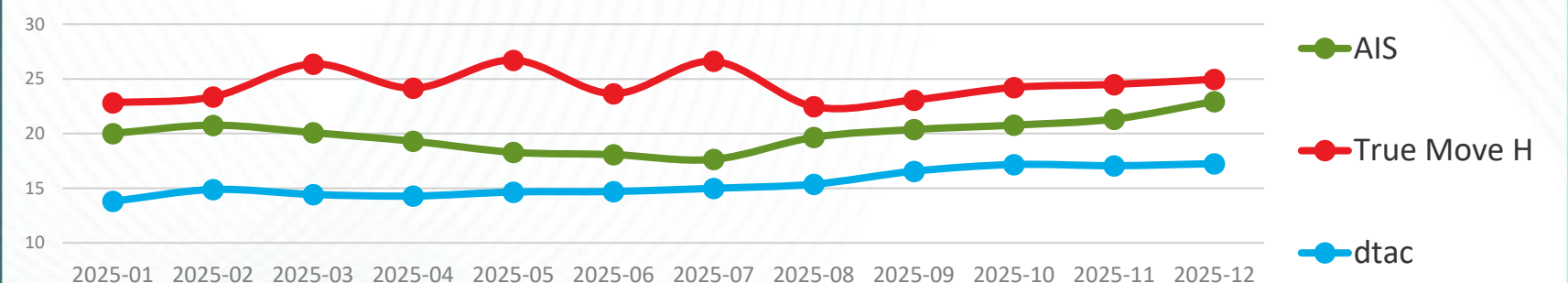
Source : nPerf.com

Upload Speed (average)



Source : nPerf.com

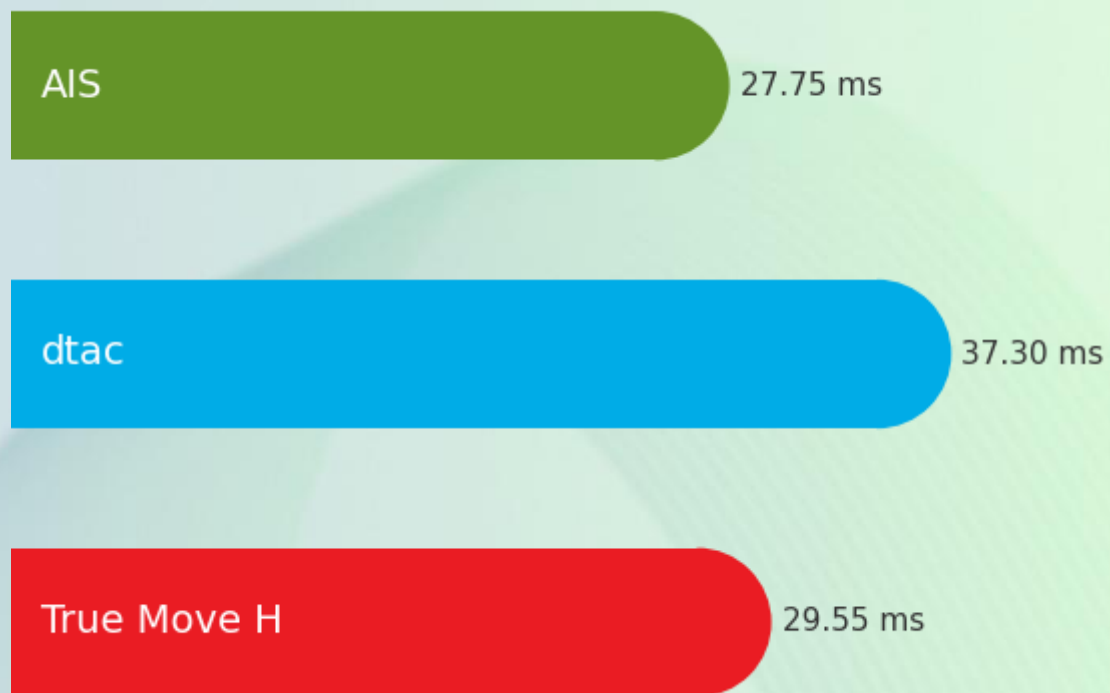
Upload Speed evolution over the year (average)



Source : nPerf.com



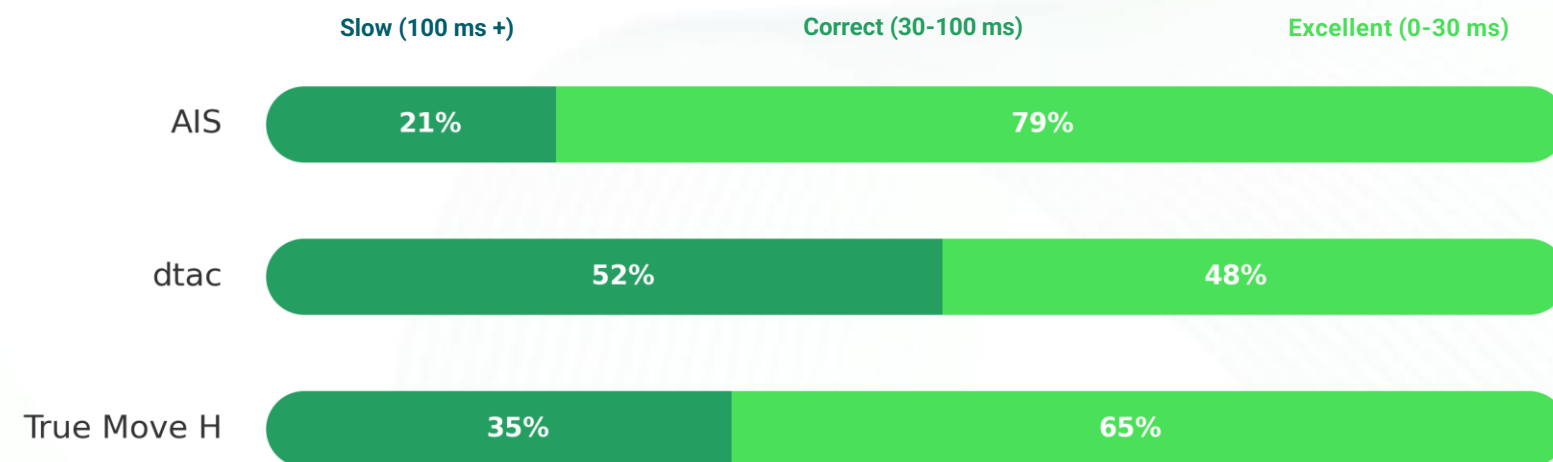
Latency (average)



Source : nPerf.com

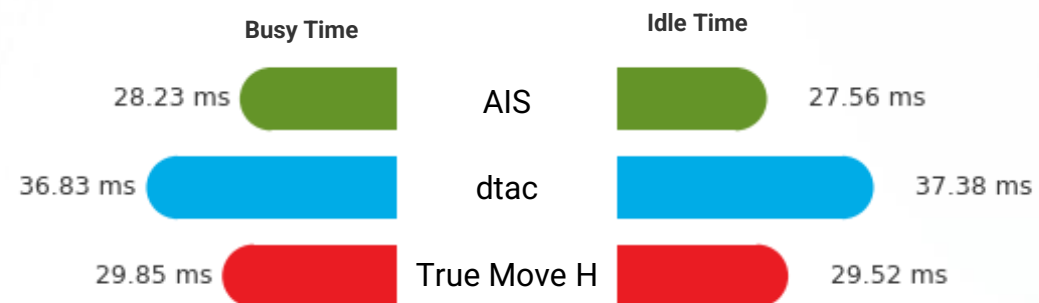
The subscribers of AIS enjoyed the best Mobile Internet Latency in 2025.

Latency results ventilation (average)



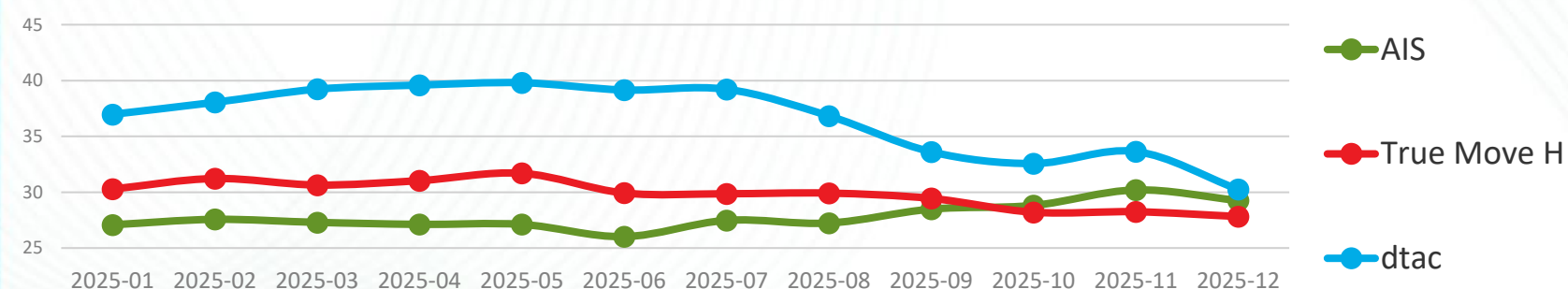
Source : nPerf.com

Latency (average)



Source : nPerf.com

Latency evolution over the year (average)



Source : nPerf.com



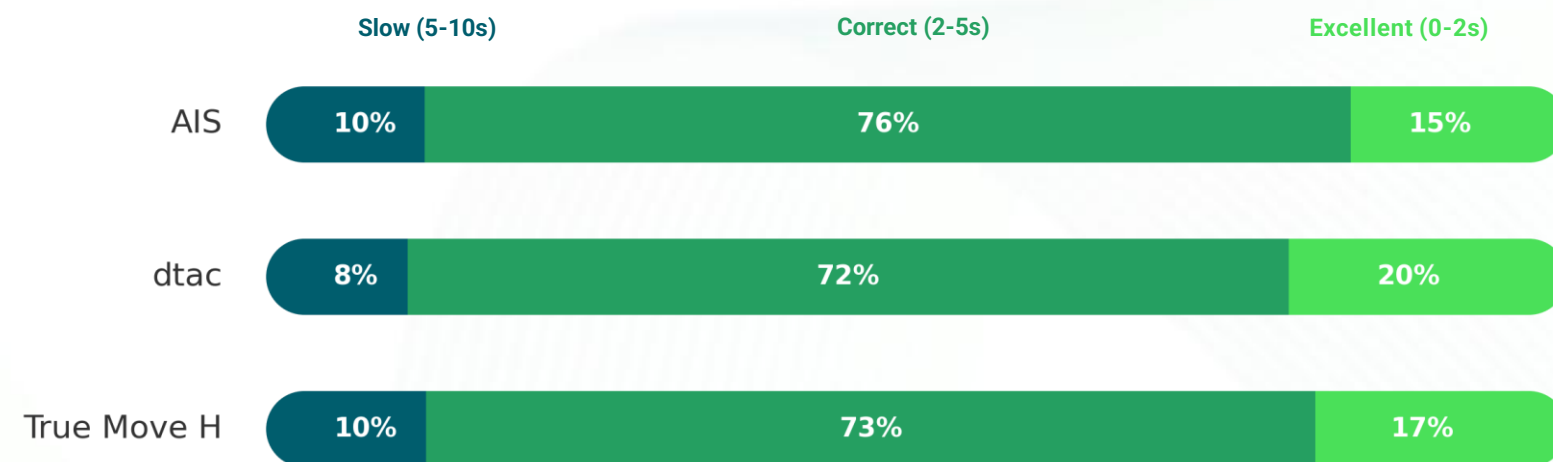
Browsing Performance (average)



Source : nPerf.com

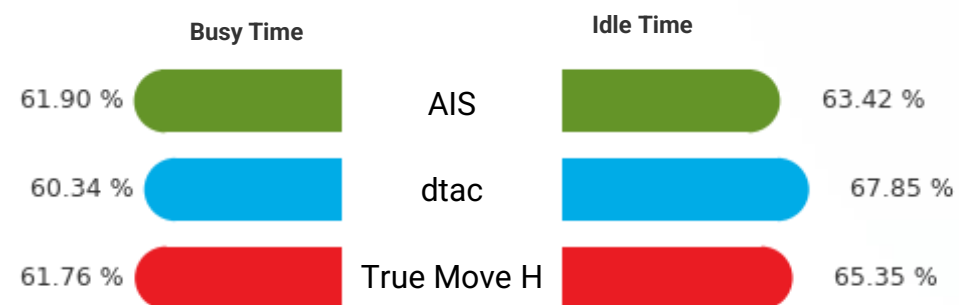
The subscribers of dtac enjoyed the best Mobile Internet Browsing Performance in 2025.

Browsing Performance results ventilation (average)



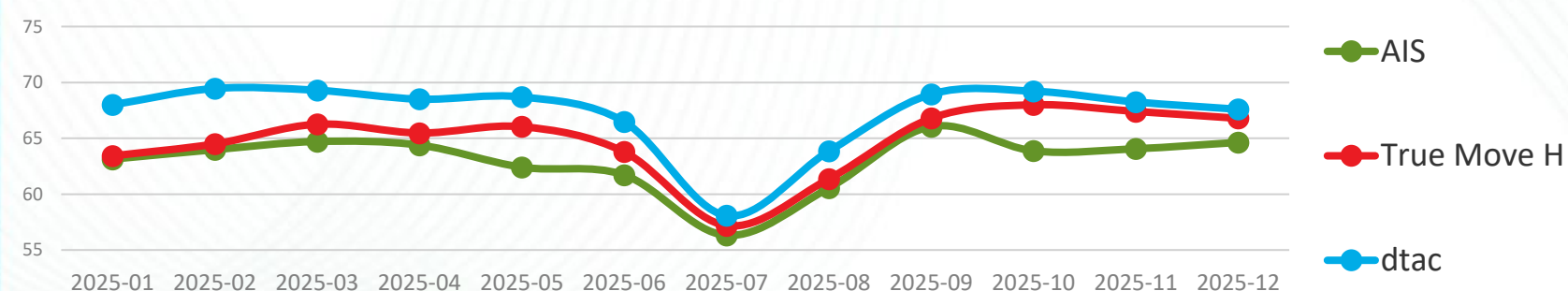
Source : nPerf.com

Browsing Performance (average)



Source : nPerf.com

Browsing Performance evolution over the year (average)



Source : nPerf.com



Streaming Performance



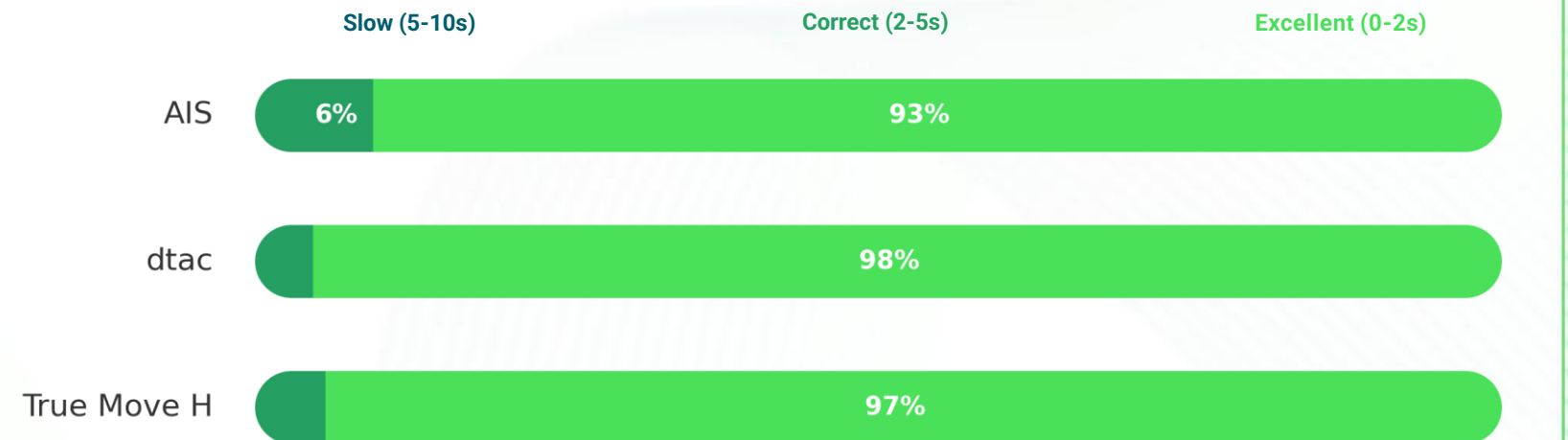
Streaming Performance (average)



Source : nPerf.com

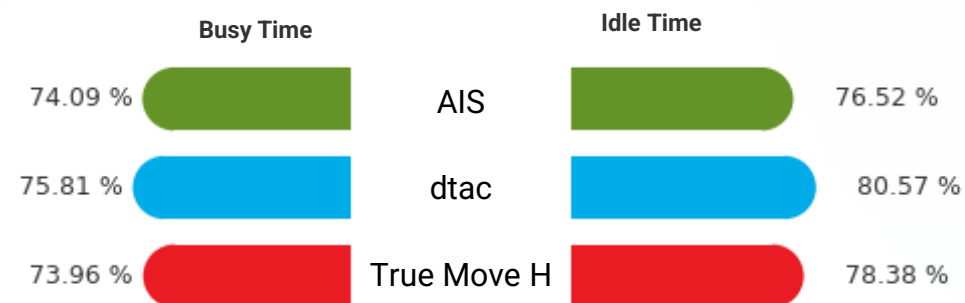
The subscribers of dtac enjoyed the best Mobile Internet Streaming Performance in 2025.

Streaming Performance results ventilation (average)



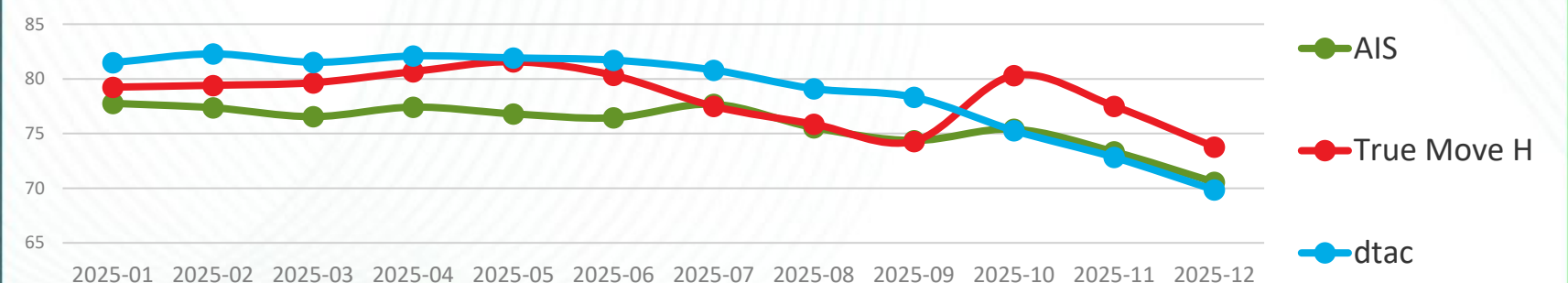
Source : nPerf.com

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 True Move H enjoyed the best 5G Internet in 2025.

Best performances 5G: True Move H

Fastest performances (Download Speed) 5G: AIS

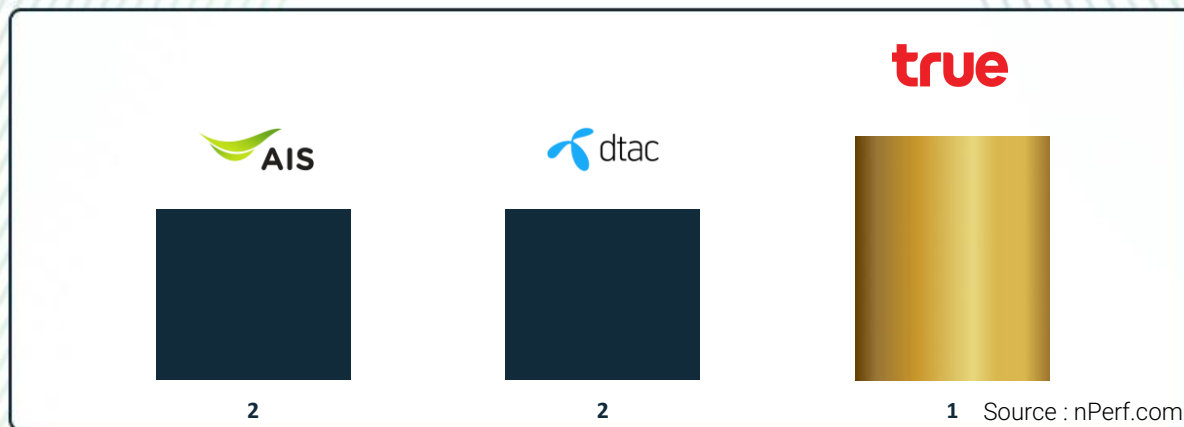
Fastest performances (Upload Speed) 5G: True Move H

5G connections with the lowest latency: AIS and True Move H

Best web browsing performances 5G: dtac

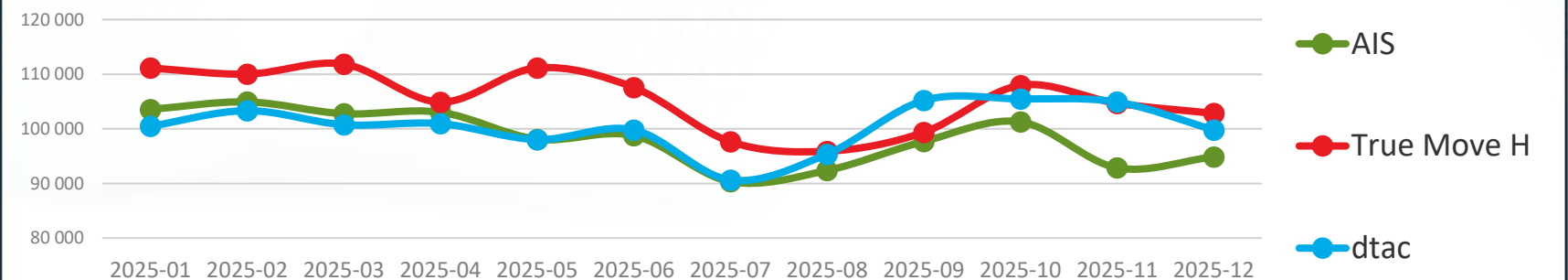
Best streaming performances 5G: dtac

Source : nPerf.com



Source : nPerf.com

5G evolution over the year (average)



Source : nPerf.com



nPerf QoE nPerf Score (nPoints)



Source : nPerf.com

The subscribers of True Move H 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

true

Best Mobile Internet performance in 2025



AIS



2

dtac



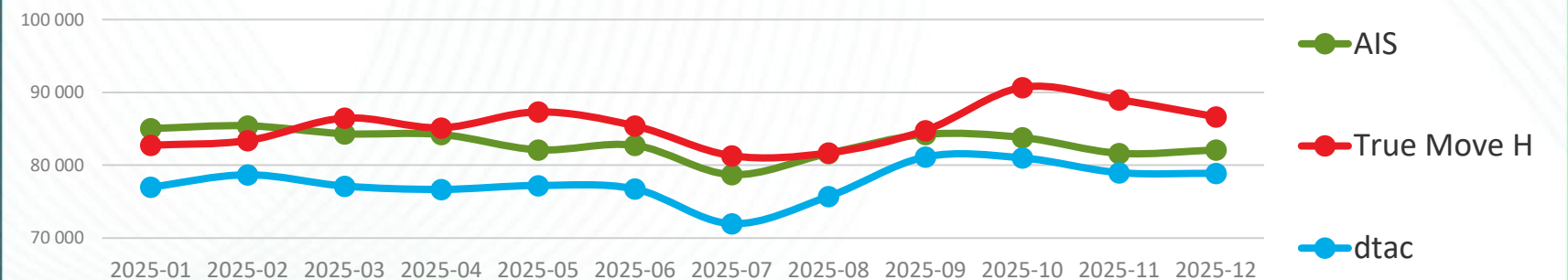
3

true



Source : nPerf.com

nPerf QoE nPerf Score evolution over the year (average)



Source : nPerf.com

