best in test

For adding something on top in Serbia and reaching an overall score of 929 dots in fixed broadband benchmarking survey we proudly award this certificate to

Yettel Serbia

Score 929 out of 1000

Hakan Ekmen

Hakan Ekmen
Global Networks Lead, Comms Industry

Best 03 in 24 Test

umlaut
Part of **Accenture**

Report facts

Claims
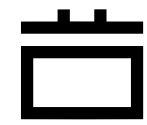
umlaut tested and measured the performance of fixed broadband services in Serbia.
Focusing on the real user experience, we tested the catego–ries Download Speed, Upload Speed, Latency and Stability.

For this report crowdsourced performance data has been collected and evaluated in 24 weeks from CW40 2023 until CW11 2024. We collected 3.2 million samples from 5211 lines.

3.2 million
samples

**CW40 2023
to CW11 2024**
measurement
window

5211
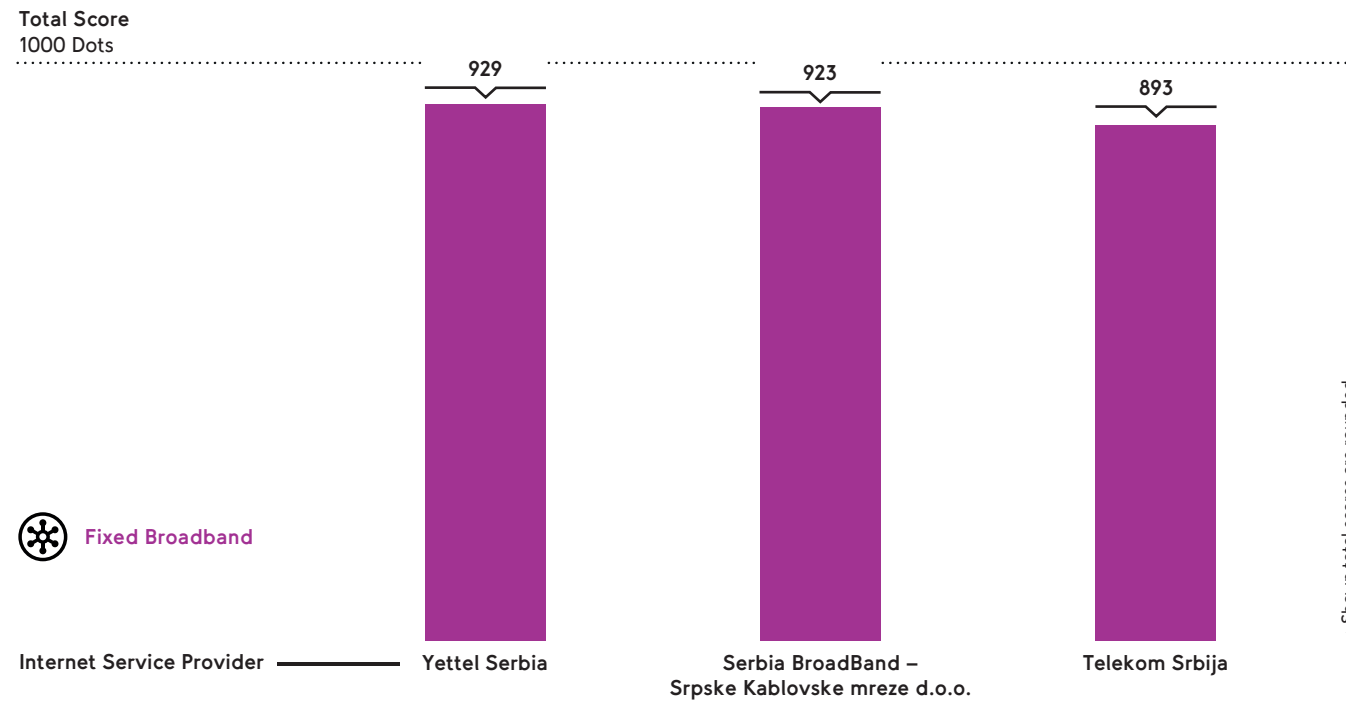number of lines

Best in test
Yettel Serbia

**Best rated user
upload speed**
Yettel Serbia

**Best rated
latency**
Yettel Serbia

Score and breakdown

Yettel Serbia achieved the highest overall score among competitors with 929 dots out of 1000.

Total Score
1000 Dots

929   923   893

❋ **Fixed Broadband**

↑ Shown total scores are rounded.

Internet Service Provider ———— Yettel Serbia

Serbia BroadBand –
Srpske Kablovske mreze d.o.o.

Telekom Srbija

Score achieved by the networks under test.

Service	max.	Yettel Serbia	Serbia BroadBand–Srpske Kablovske mreze d.o.o.	Telekom Srbija
Download Speed	450	411	416	395
Upload Speed	250	233	229	219
Latency	250	237	230	231
Stability	50	48	48	48
Total		929	923	893

KPI overview

Speed, Latency and Stability

Download Speed KPIs		Unit	Yettel Serbia	Serbia BroadBand–Srpske Kablovske mreze d.o.o.	Telekom Srbija
Download Speed Active	AVG Datarate	[Mbit/s]	108.2	83.0	67.6
	P10 Datarate	[Mbit/s]	15.2	24.3	17.0
	P90 Datarate	[Mbit/s]	262.3	181.8	147.8
Download Speed Passive	Bulk download	[%]	15.0	14.7	13.0
	DL UHD Video class	[%]	39.0	43.3	42.2
Upload Speed KPIs					
Upload Speed Active	AVG Datarate	[Mbit/s]	65.2	26.9	30.9
	P10 Datarate	[Mbit/s]	15.9	10.3	7.1
	P90 Datarate	[Mbit/s]	125.2	49.1	68.4
Upload Speed Passive	UL HD Video class	[%]	52.4	62.7	41.9
	UL UHD Video class	[%]	44.2	40.3	35.8
Latency KPIs					
Latency	Gaming class	[%]	98.0	98.3	97.0
	Egoshooter class	[%]	76.2	78.1	72.0
	ULL class	[%]	46.5	23.7	36.8
Stability KPIs					
Stability	Transaction success	[%]	98.8	98.8	98.5

Measurement values achieved by the ISPs under test.

Methodology

As the de–facto industry standard, umlaut's benchmarking methodology focuses on customer–perceived network quality and covers a wide range of mobile and fixed broadband services.

For the collection of crowd–data used for this certification report, we have integrated a background diagnosis processes into thousands of diverse Android apps.
If one of these applications is installed on the end–user's phone, data collection takes place 24/7 , 365 days a year. We focus on the user experience. Our data collection is compliant with the GDPR, since we do not include any personal user data. This unique crowdsourcing technology allows us to collect data about real–world experience wherever and whenever customers use their smartphones to consume data services or place phone calls.

The umlaut benchmarking framework is based on a unified measurement method for true international comparability combined with the umlaut–Score approach.
Our top priority is to fairly and transparently assess the global development of networks, push their quality and performance with our benchmarks and ultimately achieve improvements for every customer.