

best in test.

For adding something on top in Montenegro and reaching an overall score of 882 dots in mobile network benchmarking survey we proudly award this certificate to

One Montenegro

Score 882 out of 1000





Hakan Ekmen
Global Networks Lead, Comms Industry






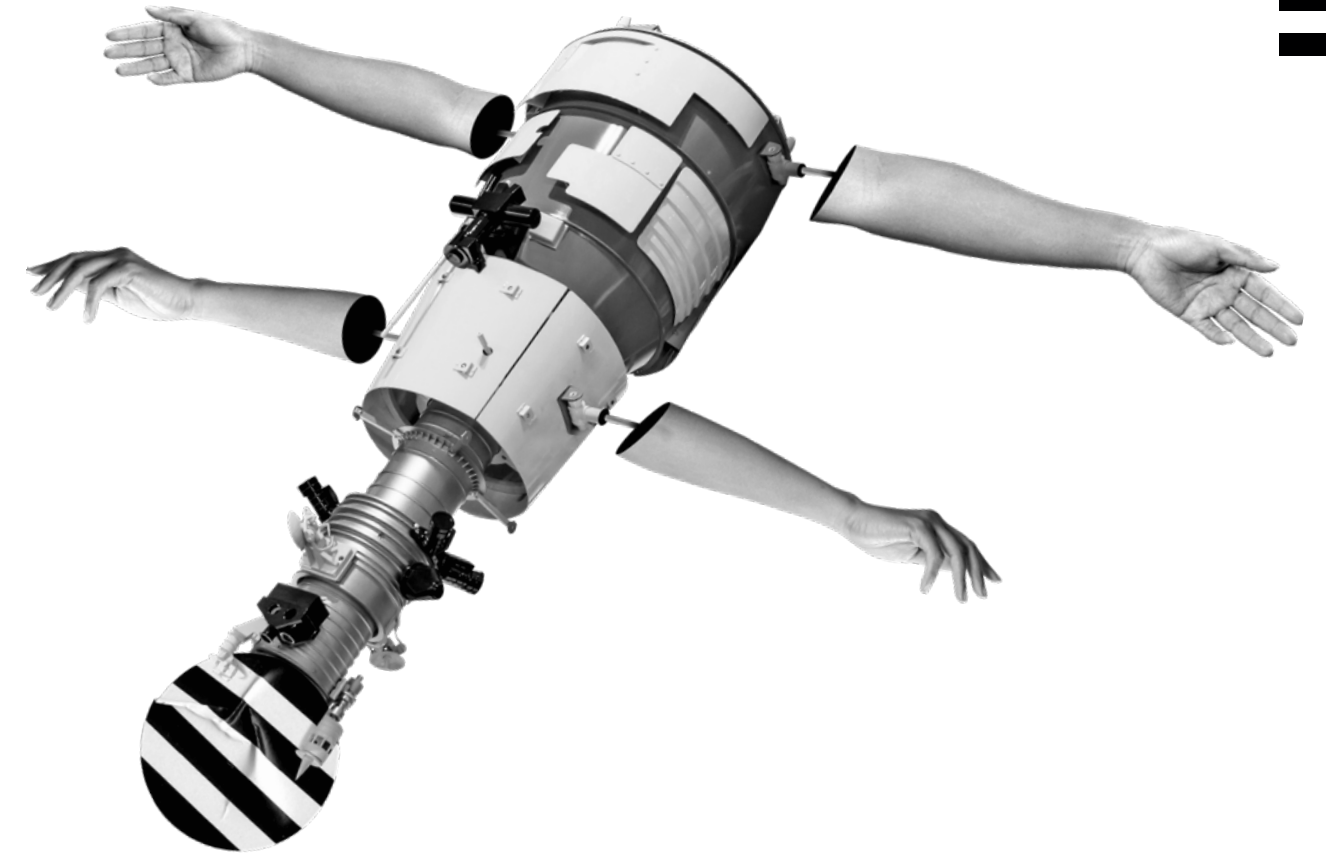
Report facts

 **17.6 million**
samples

 **24 weeks,**
W20 2024
to W43 2024
Data collection
time period

 **2.7 thousand overall**
providing samples
Users

 **95.4 %**
of the 'built-up area'
covered
93.1 %
of the 'Population area'
covered





Testing area



95.4 %
of the 'built-up area'
covered

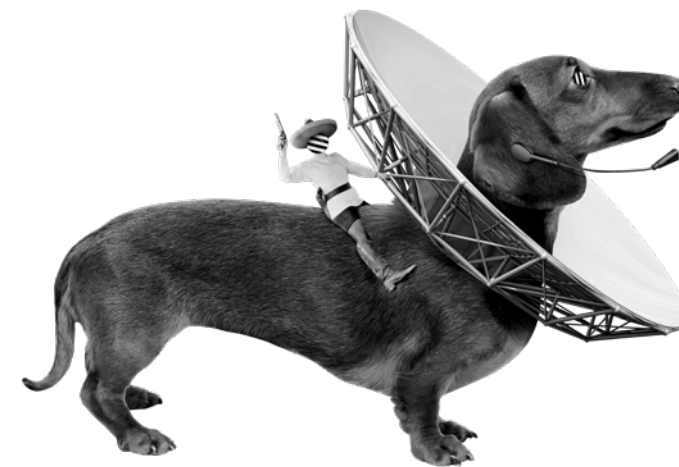


93.1 %
of the 'Population area'
covered

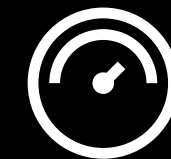


6,544 km²
size of tested area

Claims



Best in test
One Montenegro



**Best rated user
download speed**
One Montenegro

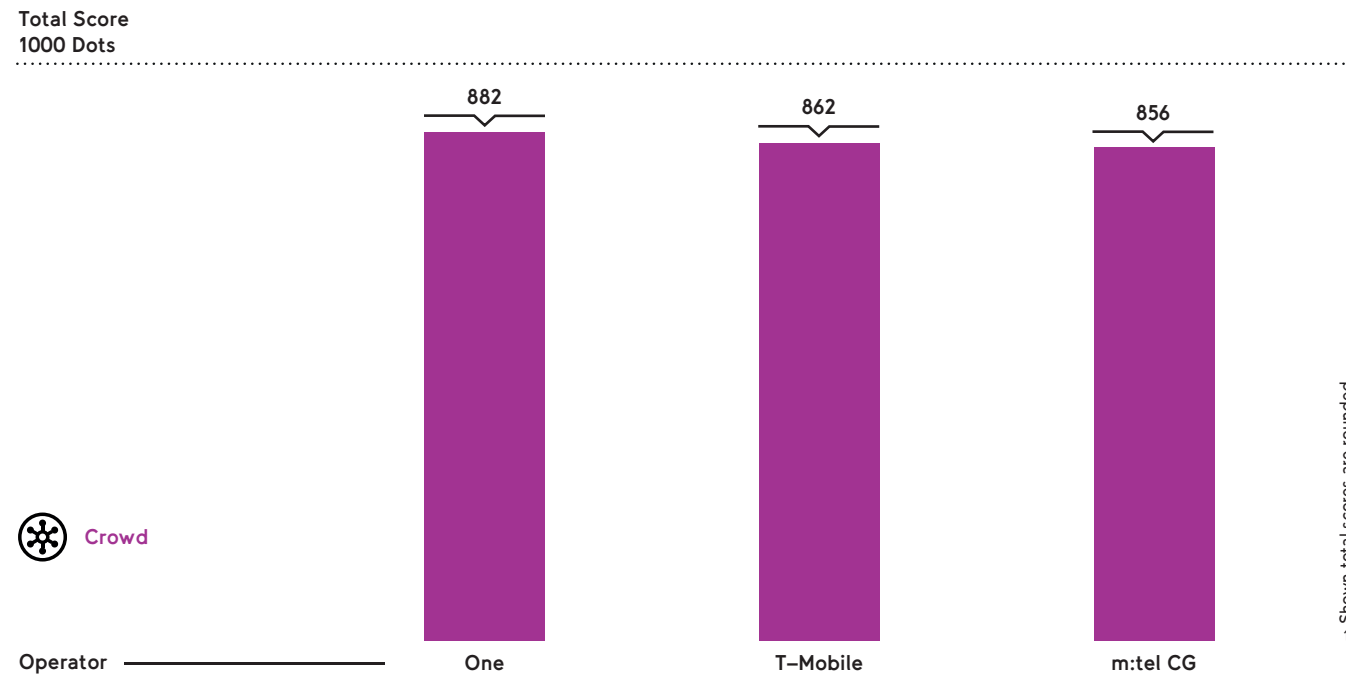


**Best rated
latency**
One Montenegro



Score and breakdown

One Montenegro achieved the highest overall score among competitors with 882 dots out of 1000.



Score achieved by the networks under test.

→ Shown total scores are rounded.



Category	max.	One	T-Mobile	m:tel CG
Broadband Coverage	450	377	383	410
Download Speed	300	281	274	278
Latency	200	178	172	166
Voice	50	46	33	2
Total	1000	882	862	856

Shown scores are rounded.



KPI overview

Category	KPI name	Unit	One	T-Mobile	m:tel CG
Broadband Coverage	Coverage Quality	[%]	96.9	98.0	96.8
	Coverage Reach	[%]	50.3	51.8	79.4
	Time on broadband	[%]	96.8	97.1	97.1
Download Speed	Basic internet class	[%]	97.0	95.2	96.7
	HD video class	[%]	90.6	89.9	86.7
	UHD video class	[%]	30.0	30.6	28.0
Latency	OTT voice class	[%]	98.1	98.1	96.7
	Gaming class	[%]	91.3	87.8	92.9
	Egoshooter class	[%]	3.7	0.0	0.2
Voice	HD voice	[%]	94.4	80.5	20.9



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.



umlaut – Part of Accenture

umlaut communications GmbH

Am Kraftversorgungsturm 3 · 52070 Aachen · Germany

Hakan Ekmen · Global Networks Lead, Comms Industry

cell +49 151 571 33 235 · hakan.ekmen@accenture.com

www.umlaut.com