nPerf

We qualify your connection

Barometer of fixed Internet Connections in Switzerland.

01/01/2023 - 31/12/2023
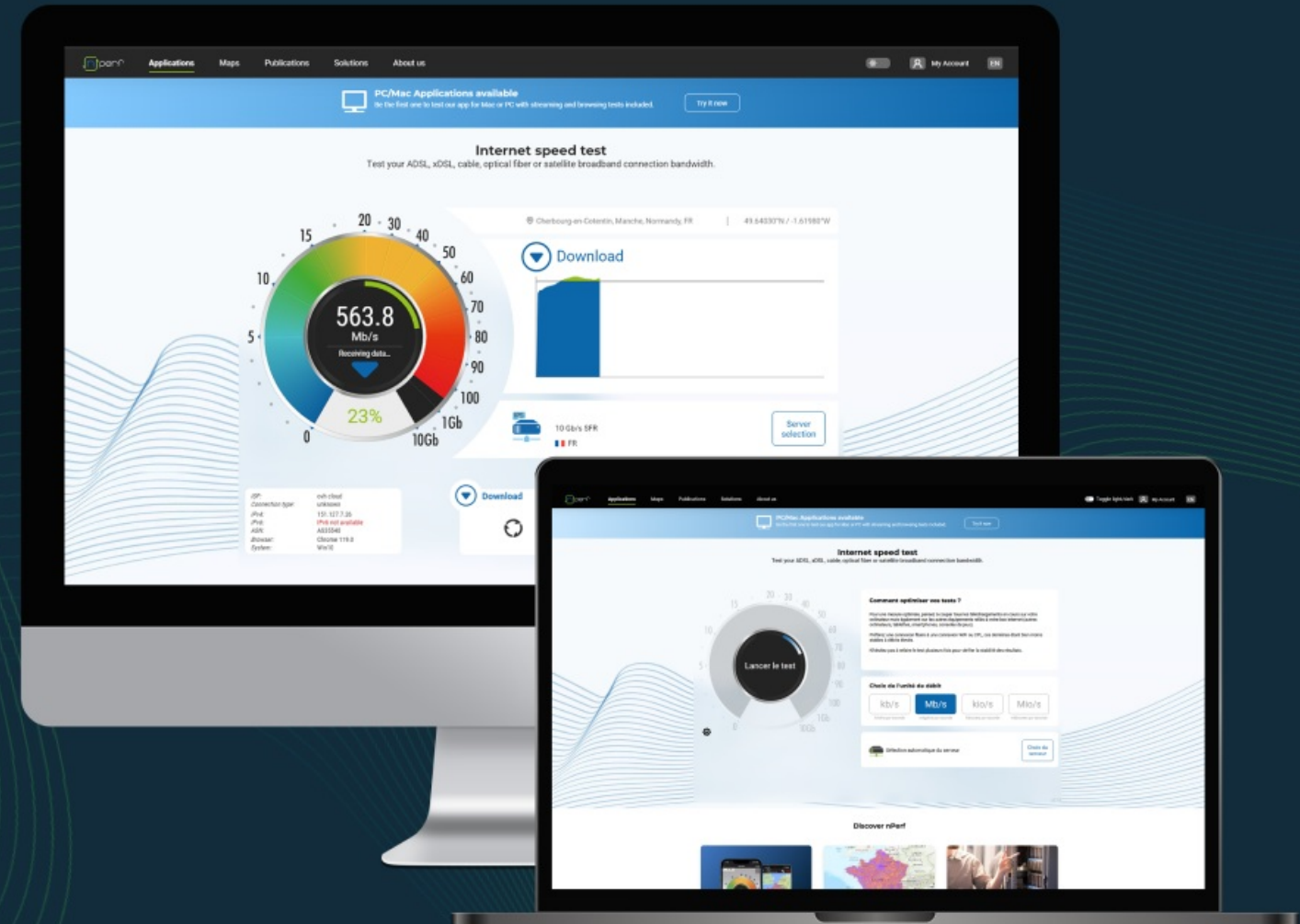
Expert in the telecom network optimization

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!
Dowload our app or visit our website!

Available on the App Store

GET IT ON Google Play

Test your connection on nPerf.com

The subscribers of Salt enjoyed the best broadband performances in Switzerland during 2023.

Fixed Internet connections in Switzerland

		net+	Salt	Sunrise	Swisscom
▼	Download bitrates (Mb/s)	209.08	714.24	294.46	247.62
▲	Upload bitrates (Mb/s)	136.89	551.55	127.18	170.45
◀▶	Latency (ms)	20.56	10.09	19.31	19.13
n	nPerf Score (nPoints)	156 241	196 239	162 164	161 905

FTTH and G.**fast** Internet connections in Switzerland

		Salt	Sunrise	Swisscom
▼	Download bitrates (Mb/s)	905.54	566.06	517.68
▲	Upload bitrates (Mb/s)	707.15	352.57	395.94
◀▶	Latency (ms)	8.63	14.19	11.72
n	nPerf Score (nPoints)	203 135	185 280	187 110

Salt.

Best fixed Internet performance in 2023

No.1 BROADBAND PERFORMANCE
nperf AWARDS

Source : nperf.com

net+ | Salt. | Sunrise | swisscom
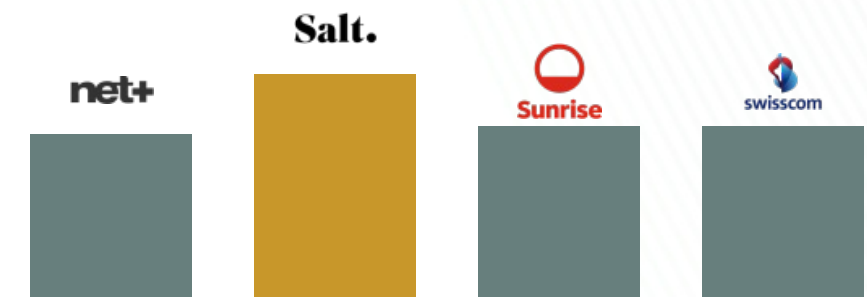
Source : nperf.com

Salt affirms its leadership position

In the year 2023, Salt has further solidified its prominent role in the Swiss fixed-line telecommunications sector. The company continues to impress, not only by delivering the best broadband performance but also by surpassing its competitors in every key performance indicator (KPI), often by a factor of two or three. Salt's impressive achievements include a download speed of 714 Mb/s, an upload speed of 551 Mb/s, and a remarkably low latency of 10.1 ms. Furthermore, Salt boasts the highest year-on-year performance growth among its peers.

Sunrise: a formidable contender in high-performance telecommunications

Sunrise has consistently demonstrated substantial growth in network performance, ascending from the third to the second position in the rankings. This ascent can be attributed to its robust average download speed of 294 MB/s. To compete more closely with Salt, Sunrise may need to address latency issues to ensure an optimal user experience for its customers.

Swisscom: securing the Second Position in FTTH - G.fast

Swisscom has displayed considerable strength in securing its position within the FTTH segment. Despite losing one place in our global rankings, Swisscom maintains a strong presence with an average download speed of 248 Mb/s. However, similar to its closest competitor, addressing latency may be the next challenge to enhance the overall user experience.

Net+: A strong contender for the second position

Net+ has consistently delivered solid performance throughout the year. With an average download speed of 209 Mb/s and a latency of 20.6 ms, Net+ is steadily closing the gap in our rankings. Its outstanding performance toward the end of the year positions it as a serious competitor for the second place in 2024.

Conclusion and Future Outlook

As we look forward to 2024, Switzerland's fixed-line telecommunications landscape, spearheaded by Salt, is poised for continuous growth and advancement, particularly in Fiber-to-the-Home (FTTH) technology. The ongoing competition to expand fiber connectivity promises to provide users with faster and more reliable network performance, further elevating the telecommunications sector in Switzerland.

nPerf provides a **free tool 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.

For fixed connections, 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 receive in one second from the nPerf server. The highest the measured value, the best is the bitrate of your connection.
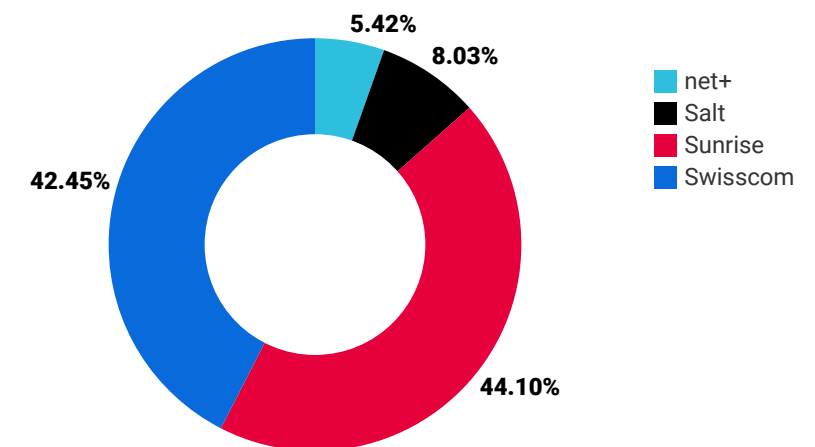
◀▶ Latency (ping) :

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 main is the minimum value.

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 3 % 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.
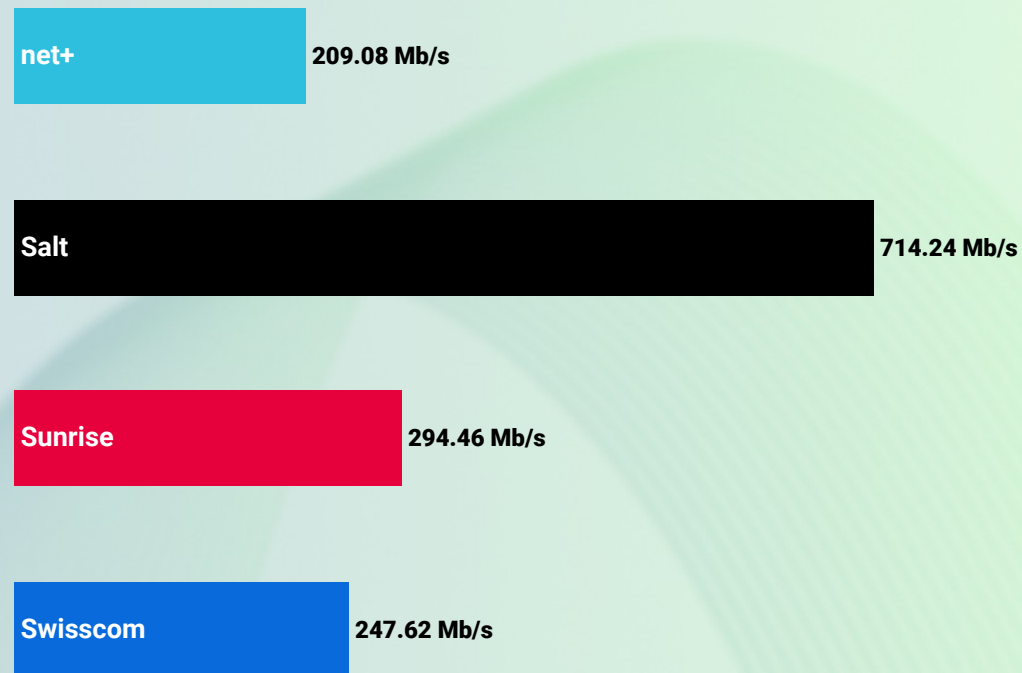
Overall distribution of the tests per provider (ISPs Share)

- net+
- Salt
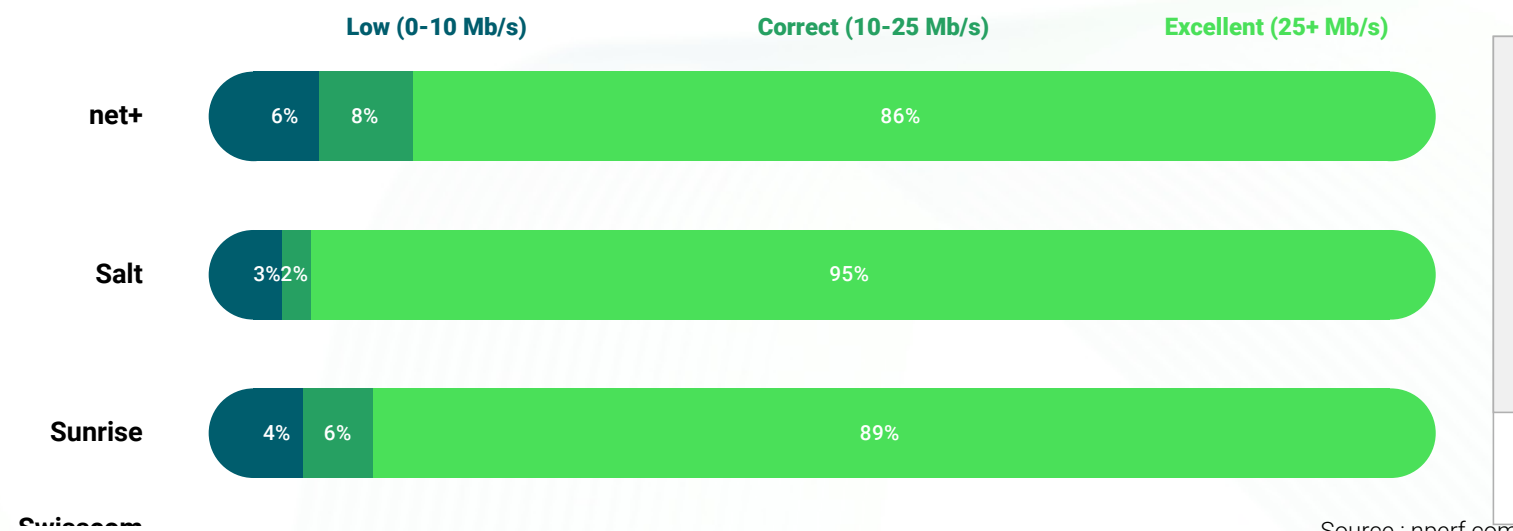- Sunrise
- Swisscom

5.42%
8.03%
42.45%
44.10%

Source : nperf.com

Download Speed (average)

net+	209.08 Mb/s
Salt	714.24 Mb/s
Sunrise	294.46 Mb/s
Swisscom	247.62 Mb/s

Source : nperf.com

The subscribers of Salt enjoyed the best average broadband download speed in 2023.

Download Speed results ventilation (average)

Low (0-10 Mb/s)   Correct (10-25 Mb/s)   Excellent (25+ Mb/s)

	Low	Correct	Excellent
net+	6%	8%	86%
Salt	3%	2%	95%
Sunrise	4%	6%	89%
Swisscom			

Source : nperf.com

Download Speed (average)

Busy Time		Idle Time
194.55 Mb/s	net+	215.47 Mb/s
734.90 Mb/s	Salt	698.70 Mb/s
302.05 Mb/s	Sunrise	290.67 Mb/s
248.05 Mb/s	Swisscom	247.45 Mb/s

Source : nperf.com

Download Speed evolution over the year (average)

Legend: net+, Salt, Sunrise, Swisscom

Source : nperf.com

Speed : Upload

Upload Speed (average)

net+	136.89 Mb/s
Salt	551.55 Mb/s
Sunrise	127.18 Mb/s
Swisscom	170.45 Mb/s
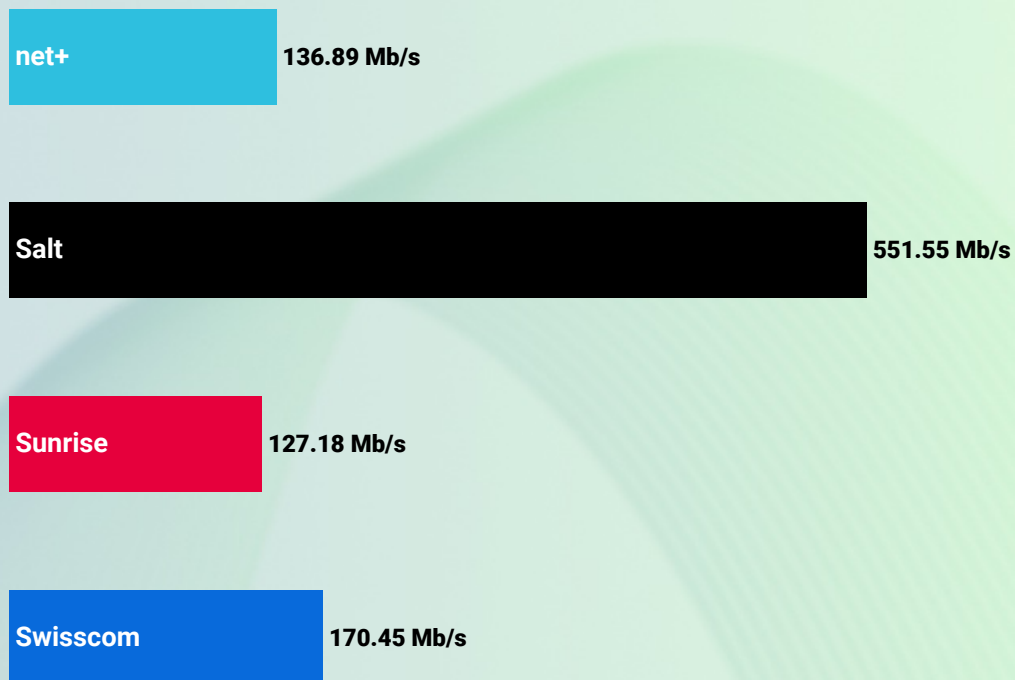
Source : nperf.com

The subscribers of Salt enjoyed the best average broadband upload speed in 2023.
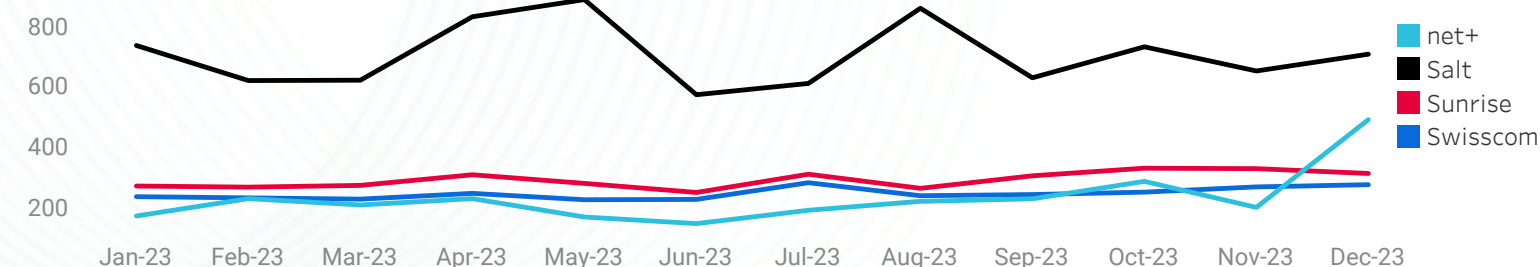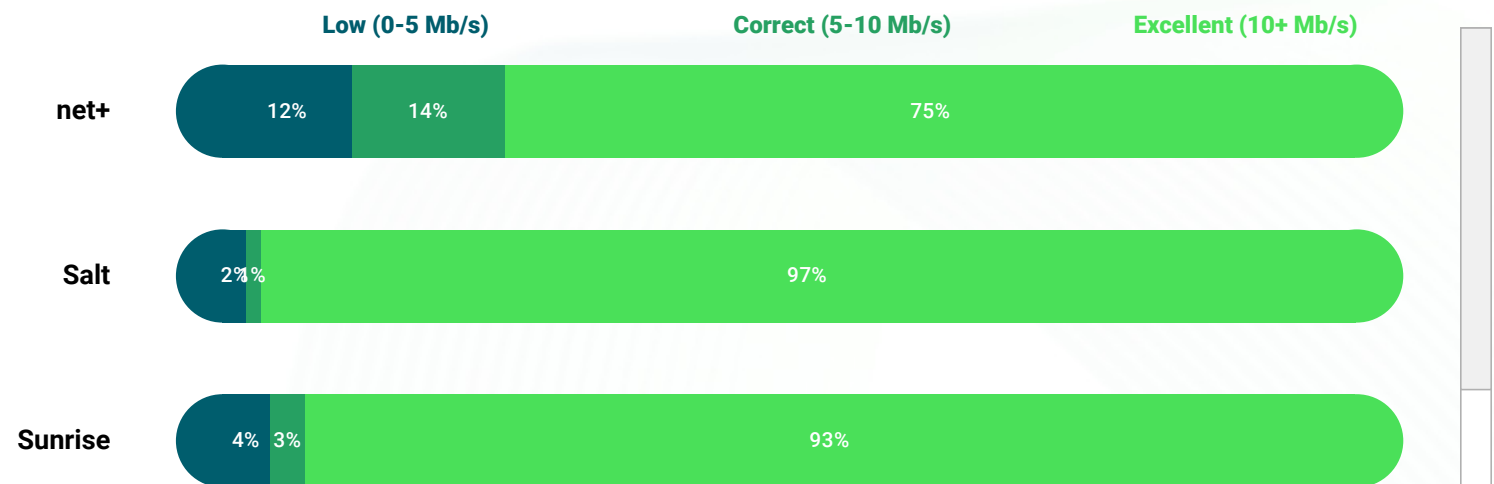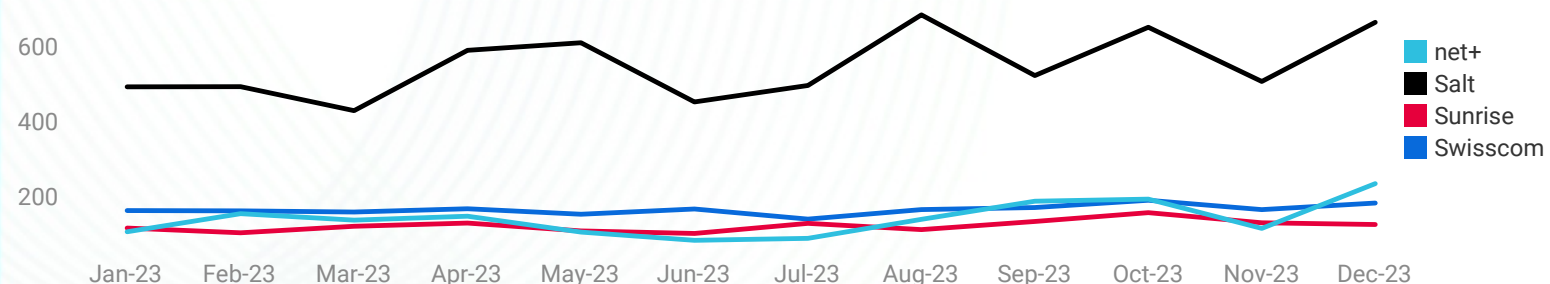
Upload Speed results ventilation (average)

Low (0-5 Mb/s)   **Correct (5-10 Mb/s)**   **Excellent (10+ Mb/s)**

net+: 12% | 14% | 75%

Salt: 2% 1% | 97%

Sunrise: 4% 3% | 93%

Source : nperf.com

Upload Speed (average)

	Busy Time		**Idle Time**
net+	129.09 Mb/s		140.33 Mb/s
Salt	540.01 Mb/s		560.23 Mb/s
Sunrise	124.44 Mb/s		128.55 Mb/s
Swisscom	165.91 Mb/s		172.17 Mb/s

Source : nperf.com

Upload Speed evolution over the year (average)

Legend:
- net+
- Salt
- Sunrise
- Swisscom

(x-axis: Jan-23, Feb-23, Mar-23, Apr-23, May-23, Jun-23, Jul-23, Aug-23, Sep-23, Oct-23, Nov-23, Dec-23)
(y-axis: 200, 400, 600)

Source : nperf.com

Latency Speed (average)

net+	20.56 ms
Salt	10.09 ms
Sunrise	19.31 ms
Swisscom	19.13 ms
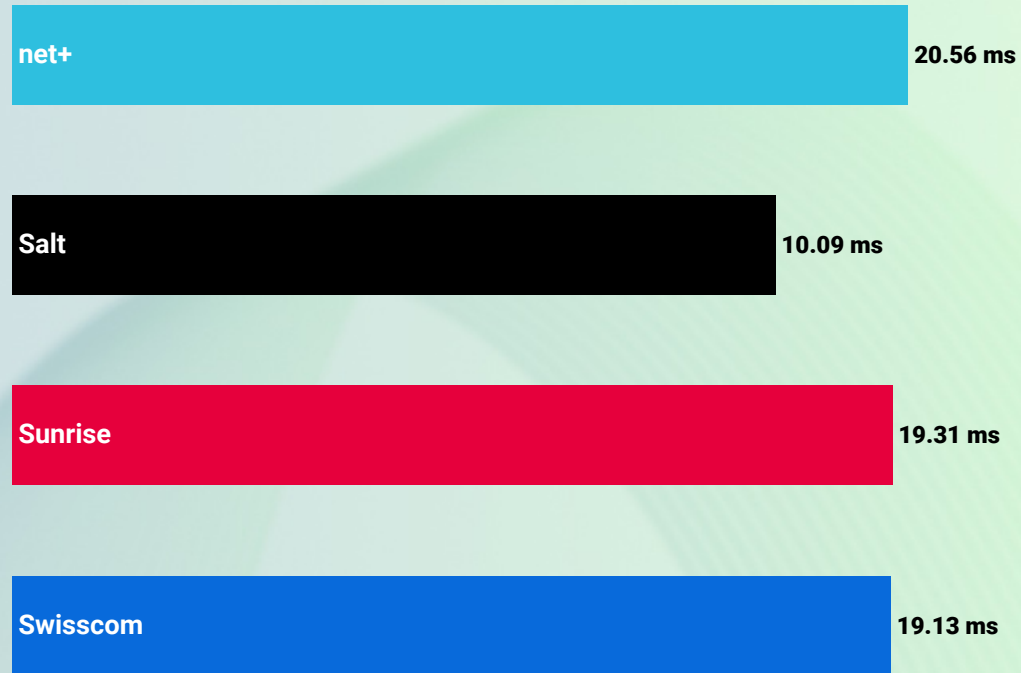
Source : nperf.com

The subscribers of Salt enjoyed the best average broadband latency in 2023.
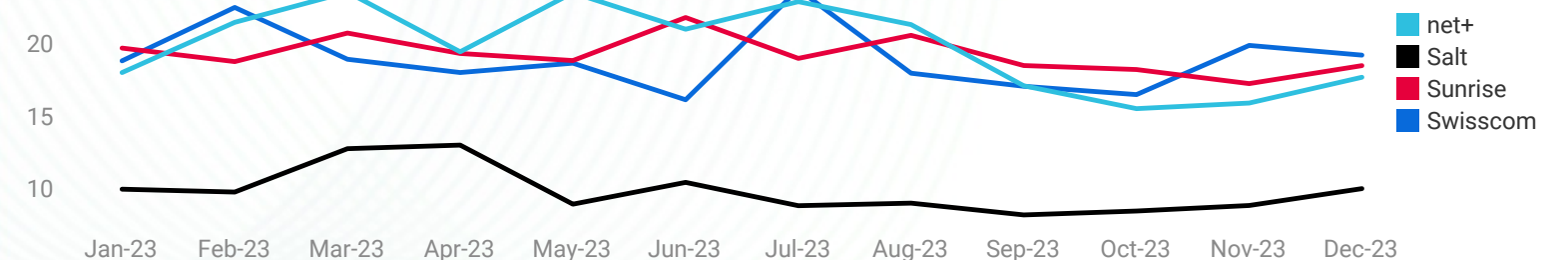
Latency Speed results ventilation (average)

Slow (100+ ms)   Correct (30-100 ms)   Excellent (0-30 ms)

	Slow	Correct	Excellent
net+	1%	10%	90%
Salt	1%	2%	98%
Sunrise	1%	7%	92%
Swisscom			

Source : nperf.com

Latency Speed (average)

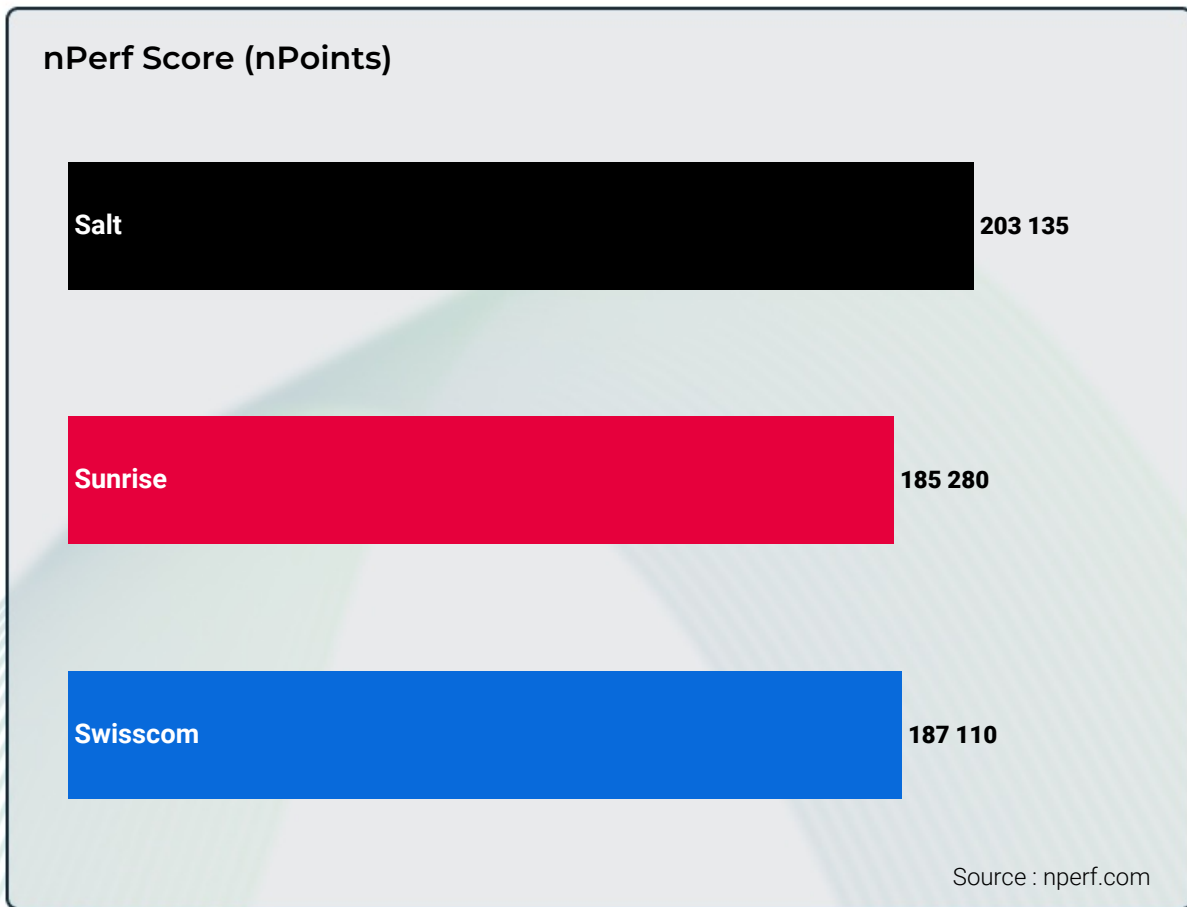|	Busy Time		Idle Time
net+	22.65 ms		19.64 ms
Salt	9.15 ms		10.80 ms
Sunrise	19.89 ms		19.02 ms
Swisscom	17.48 ms		19.76 ms

Source : nperf.com

Average latency Speed evolution over the year

Legend: net+, Salt, Sunrise, Swisscom

Months: Jan-23, Feb-23, Mar-23, Apr-23, May-23, Jun-23, Jul-23, Aug-23, Sep-23, Oct-23, Nov-23, Dec-23

Source : nperf.com

nPerf Score (nPoints)

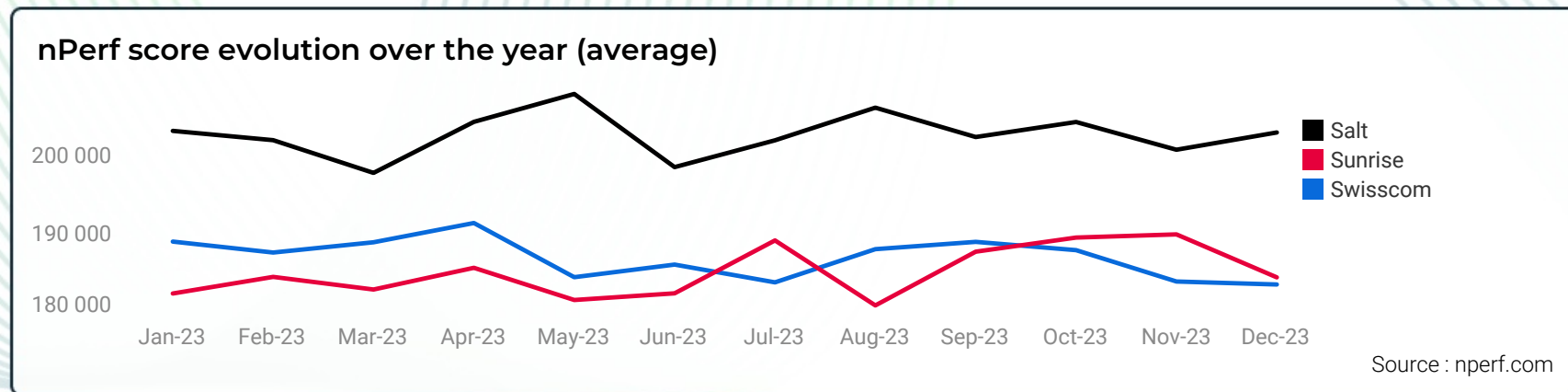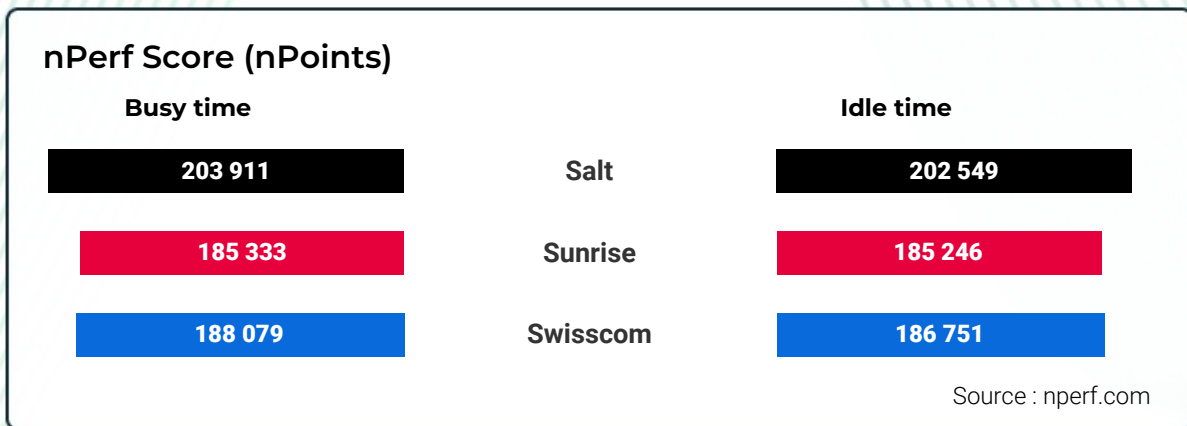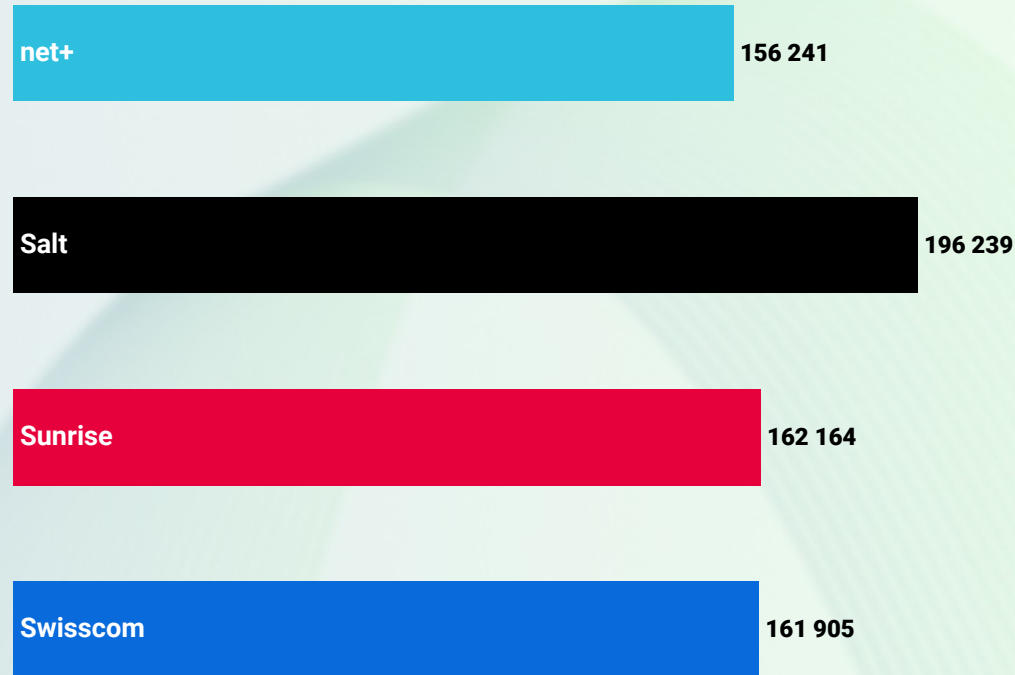|	
Salt	203 135
Sunrise	185 280
Swisscom	187 110

Source : nperf.com

The subscribers of Salt enjoyed the best broadband performances in Switzerland during 2023 on FTTH – G.fast.

- Best FTTH – G.fast Internet Performance : Salt (203 135 nPoints)

- Best FTTH – G.fast Download speed : Salt (905.54 Mb/s)

- Best FTTH – G.fast Upload speed : Salt (707.15 Mb/s)

- Best FTTH – G.fast Latency speed : Salt (8.63 ms)

Source : nperf.com

nPerf Score (nPoints)

Busy time		Idle time
203 911	Salt	202 549
185 333	Sunrise	185 246
188 079	Swisscom	186 751

Source : nperf.com

nPerf score evolution over the year (average)

Legend: Salt, Sunrise, Swisscom

Months: Jan-23, Feb-23, Mar-23, Apr-23, May-23, Jun-23, Jul-23, Aug-23, Sep-23, Oct-23, Nov-23, Dec-23

Source : nperf.com

Fixed Internet performance in Switzerland

nPerf Score (nPoints)

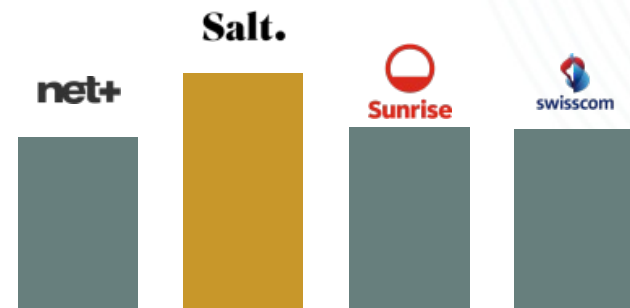| Provider	Score
net+	156 241
Salt	196 239
Sunrise	162 164
Swisscom	161 905

Source : nperf.com

The subscribers of Salt enjoyed the best broadband performances in Switzerland during 2023.

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.
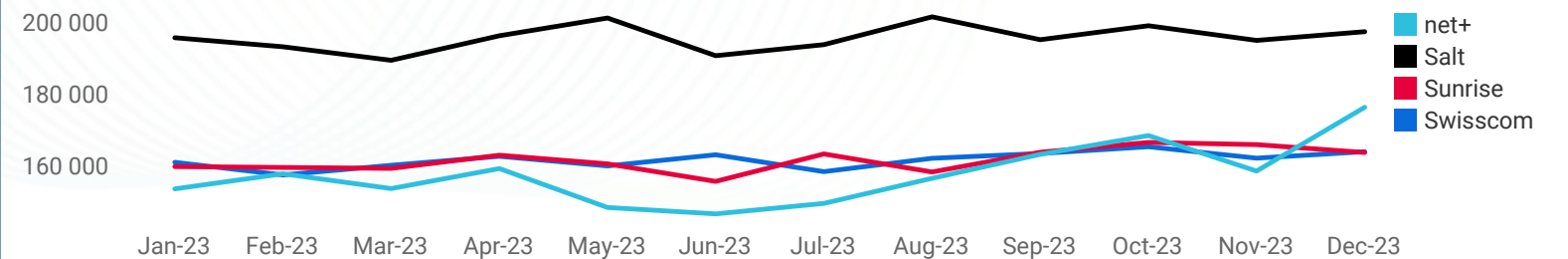
Source : nperf.com

Best fixed Internet performance in 2023

No.1 BROADBAND PERFORMANCE

net+   Salt.   Sunrise   swisscom

Source : nperf.com

nPerf score evolution over the year (average)

- net+
- Salt
- Sunrise
- Swisscom

200 000
180 000
160 000

Jan-23 Feb-23 Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23

Source : nperf.com

nperf

We qualify your connection