

Press release

Opfikon, November 1, 2019

5G expansion: Over 309 cities/towns supplied with 5G

- **Sunrise is now supplying over 309 towns/cities in all of Switzerland with 5G, offering nearly double the coverage of the second-placed provider¹.**
- **Only cities/towns where at least 80% of the local population are covered are counted.**
- **For now, Sunrise is focusing exclusively on fast 5G (in the 3.5 GHz range) with up to 2 Gbit/s, rather than expanding within existing frequencies (700 to 2600 MHz).**
- **Customer speed tests show, on average, that 5G is 10 times faster for surfing and has a 2.5 times quicker response time (latency) than 4G.**
- **Sunrise will launch the world's first 5G cloud gaming service with 4K resolution in November 2019.**
- **Sunrise offers 5G coverage in 23 Sunrise Shops where customers can experience 5G first-hand. By the end of the year, 5G coverage will be available in all 95 Sunrise Shops.**
- **5G for business: Today, 2019, Sunrise is launching "5G Indoor Coverage as a Service", an important precursor for the Internet of Things (IoT).**

"When it comes to 5G, Switzerland is far ahead of the rest of Europe. We're proud to make our contribution by offering the largest 5G network. We focus on quality and aim to provide real, fast 5G through our continued rollout. Our customers appreciate this. We've received very positive feedback," Olaf Swantee, CEO of Sunrise, is happy to report.

Fast 5G as a landline replacement and for 5G smartphones

With "5G for People", Sunrise is focusing on replacing slow DSL connections in areas where fiber optics and cable networks are not available for households and companies, and on mobile use with 5G smartphones. To meet the demand for fast broadband Internet, Sunrise is currently expanding "real 5G" in the 3.5 GHz range with up to 2 Gbit/s. In terms of quality, this offers a good alternative for replacing slow landline connections. For now, Sunrise isn't expanding 5G in existing frequencies (700 MHz to 2600 MHz). Although this would help extend 5G coverage quickly, compatible devices are not currently readily available, and connection speeds do not differ significantly from 4G+. There is even talk of "[two-class 5G](#)".

Sunrise already provides more than 309 towns/cities with 5G. This figure only includes areas where 5G coverage reaches at least 80% of the local population. Gradually, 5G coverage reaches also many other areas, including parts of major cities such as Zurich. The [current coverage map](#), with a city and address search feature as well as the list of cities, is available on the [Sunrise website](#).

Surf ten times faster with 5G

Our speed tests, which customers can carry out using the [Sunrise mobile network app](#), prove that the Sunrise 5G network strategy is paying off for customers. The results show that,

¹ according to information on the [Swisscom website](#), retrieved on October 29, 2019

with 5G, Sunrise customers surf the Internet at several hundred megabits per second (Mbit/s) and benefit from ten times the speed that 4G offers. Thanks to 5G's extremely quick response times – customer speed tests show that latency times are approximately 2.5 times shorter –, [5G smartphones](#) are ideal for lag-free smartphone gaming, even in 4K quality.

Sunrise 5G Game Cloud: Next-gen smartphone gaming

This November, Sunrise will be the first provider worldwide to launch the next generation of smartphone gaming, together with its platform partner Gamestream. With the Sunrise Game Cloud 5G app, Sunrise will offer the first ever 4K gaming experience via 5G, which can also be used with the [HTC 5G Hub](#). The Sunrise Game Cloud app offers 50 high-end console games, including popular games such as Tomb Raider, DiRT Rally (in 4K), and Roland Garros Tennis World Tour 2019 Edition, at a flat rate of CHF 9.90 per month for 5G smartphones. Sunrise 5G customers can already register in advance at <http://www.sunrise.ch/en/gaming>, and will receive a free smartphone gaming controller as our way of saying thanks.

Experience 5G first-hand in over 23 Sunrise Shops

With 5G "LampSites", Sunrise ensures powerful 5G coverage inside buildings. Currently, 23 Sunrise Shops already have this type of 5G connection, where interested customers can experience 5G first-hand on the latest devices, e.g., the [Samsung Galaxy Fold 5G](#).

"5G Indoor Coverage as a Service" is available to businesses as of today

5G is a key technology for digitization. This is why companies are particularly keen to benefit as quickly as possible. A flawless 5G connection inside buildings is indispensable, especially for critical business applications like automating and monitoring production processes. To meet this need, Sunrise will provide "5G Indoor Coverage as a Service", a solution based on installing LampSites on company premises, to its business customers as of today. By doing this, Sunrise will enable companies to build the foundation for [tailored IoT \(Internet of Things\) solutions](#) via networked sensors and machines.

Switzerland-wide coverage by the end of the year

Sunrise is continuing its plan to secure Switzerland's leading digital infrastructure position within Europe with 5G, and is continually supplying new cities/towns with the technology. Sunrise wants to expand the 5G network to all regions as quickly as possible. To do this, Sunrise is maintaining a close, constructive dialog with the relevant authorities, and focusing on cantons and municipalities looking to benefit quickly from technological advances. Conversely, areas that have used moratoria and stricter procedural requirements as delay tactics must therefore expect slower progress – of up to 30% – compared to other cantons and municipalities.

Sunrise Communications AG

Corporate Communications

media@sunrise.net

Phone: 0800 333 000

Outside of Switzerland: +41 58 777 76 66