

Media release

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Sunrise Business offers customised 5G resources for business-critical applications with MPN slicing

- **After becoming the first Swiss telecom provider to introduce a dedicated mobile private network (MPN Campus) solution just over a year ago, Sunrise Business is now expanding its offer. Its range of intelligent 5G solutions now also includes MPN slicing, which is based on 5G Standalone (SA).**
- **For MPN slicing, parts of the public 5G network are split into private, virtually isolated segments. This provides business customers with private 5G network resources configured specially for their needs.**
- **In this way Sunrise Business can offer its corporate customers application-specific speeds, latency times and capacities, while they also benefit from enhanced security and network availability.**
- **When Sunrise Business implements new MPN-slicing projects, it relies on the extensive experience gained from a variety of pilot projects carried out over the last twelve months.**

«With the introduction of MPN slicing, Sunrise Business can now provide its business customers with even more targeted support in developing future-proof applications by providing customised bandwidths,» says Thorsten Haeser, Chief Business Officer at Sunrise. «When customers use private 5G networks, they benefit from 5G resources that are exclusively reserved for them and that are customised to suit the specific requirements of their business-critical applications. With this further development of traditional telecommunications services, Sunrise Business is enhancing the innovative strength and flexibility of its corporate customers and diversifying its existing B2B portfolio with another technological milestone.»

Application-specific configuration of network properties

The introduction of mobile private network (MPN) slicing is the next step after Sunrise Business became the first telecom provider to introduce a dedicated MPN ([MPN Campus](#)) last year. Thanks to 5G Standalone (SA) based MPN slicing, Sunrise Business can now divide parts of its public 5G network into private, virtually isolated segments – known as slices – for data transmission, and reserve them for customer-specific applications or user groups. Only users and devices that have an appropriately assigned SIM card can access these private 5G network resources. Two of the biggest advantages of MPN slicing are flexibility and cost-effectiveness. Since the solution uses the existing Sunrise 5G infrastructure, business customers require significantly less investment in hardware and the development of the relevant expertise than with alternative solutions. In addition, the slice configurations can be amended as required.

The slice properties are configured for speed, latency and network capacity in accordance with the specific requirements of the particular applications. Thanks to the exclusively reserved data slices, the quality and availability of the network do not depend on the load on the public network. This means that Sunrise Business can guarantee stable, secure and powerful connections for its customers' applications at all times.

Initial projects implemented successfully

Sunrise Business supports customers both before and during the implementation of their MPN-slicing projects. This allows new applications to be launched on the market within a few weeks. Sunrise Business draws on the extensive experience that the team has gained from several pilot projects over the past year. One of these was the broadcast of Knabenschiessen by 20 Minuten. You'll find more information about this [here](#).

In addition to its use in broadcasting, slicing also offers potential for other applications. In future, autonomous vehicles could communicate in real time with transport infrastructure; medical professionals

could communicate with networked devices; and the emergency services could benefit from reliable emergency communications.

[More information](#)

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