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onway

Share Holiday Experiences with Loved Ones at Home Straight Away



Travelling at a leisurely pace, the Matterhorn Gotthard Bahn (MGB) and the Gornergratbahn (GGB) meander through the alpine landscape between Zermatt – Visp/Brig-Andermatt-Disentis and from Andermatt to Göschenen.

They connect people and regions: the cantons of Valais, Uri and Grisons. The scenic spectacle passengers get to behold along around 144km of track and at an altitude of more than 3,300m is immense.

Towering mountains, pristine valleys, ice-grey glacial tongues – it is as if the train and the environment have merged into one. The trains make their way through 50 tunnels and rock sheds, across bizarre gorges and

along cosy mountain lakes. Millions of passengers from all around the world take the Glacier Express from Zermatt to St. Moritz or admire the Matterhorn and the glacial mountain landscape from the Gornergrat ridge.

Continuous, Free Wifi

When there is so much beauty to admire, passengers want to be able to post and share their experiences and videos straight away and for that they need a fast internet connection. In order to prevent the many visitors from outside Switzerland from having to pay expensive roaming charges, Matterhorn Gotthard Bahn provides its passengers with continuous wifi. A passenger might travel from Visp to Zermatt, alight, and take the rack railway up to the Gornergrat ridge. This passenger will remain continuously connected to the free wifi via their smartphone – both in the trains and at the stations. There is no need to repeatedly register or accept terms and conditions, something that is tedious to do. The use of two modems with LTE Adv increases the bandwidth of passengers on board the trains to enable uninterrupted surfing.

To achieve this, both railways, the MGB and the GGB, are banking on technology by onway, the leading provider of uninterrupted wifi networks. Thanks to its intelligent roaming technology, devices are recognised after a one-time registration, so that they are automatically connected to the



internet again at next use. This gives passengers a continuous surfing experience. In order to guarantee an uninterrupted internet reception in the mountains, onway uses several mobile providers simultaneously, bundling all available capacities to create a maximally performing train-land connection.

Vision: Swiss Public Wifi

onway's vision is an expansion of the continuous public wifi to further railways, such as SBB,

Postauto, JungfrauBahn, RhB and others. In this vision, a passenger will arrive at Zurich Airport, log into the 'Swiss Public Wifi' and is then continuously connected all the way to the summits of the Jungfrau and the Matterhorn or all the way to Zermatt.

Passengers will be able to share their impressions of beautiful Switzerland everywhere directly, without a laborious login process.

www.onway.ch

Key Technical Data of onway's Integrated Communications System

- on3800 router in the trains with 2x LTE Adv, 2x Wifi, 1x GPS
- Aggregation of two mobile networks
- One-time registration by the customer on the landing page, then wifi is available at all hotspots (on the trains and at the stations)
- Exterior antennas with LTE Adv MiMo for optimal and best-possible reception in mountainous areas
- Interior antennas for the wifi reception of passengers' mobile devices
- VPN Gateways on the landside, to bundle the capacities of all mobile networks