

163 Brückreuti-PZM

Garage O



Application Report

Stop on demand

Partner BernMobil

Bereich Transport and traffic technology

Transport and traffic technology

Resource optimisation

Efficiency increase

Sustainability

Partner

BernMobil is the public transportation company of the city and region of Bern. With its red trams and buses, it connects people in the city and the Bern region. Over 1000 employees ensure daily that the 57 red trams and 160 buses safely transport over 100 million passengers to their destinations, keeping them satisfied.

Since 1945, BernMobil has been a crucial pillar of public transportation, contributing to the quality of life in the region. The Ortbus Münsingen is part of BernMobil's extensive transportation network and is operated by the company.



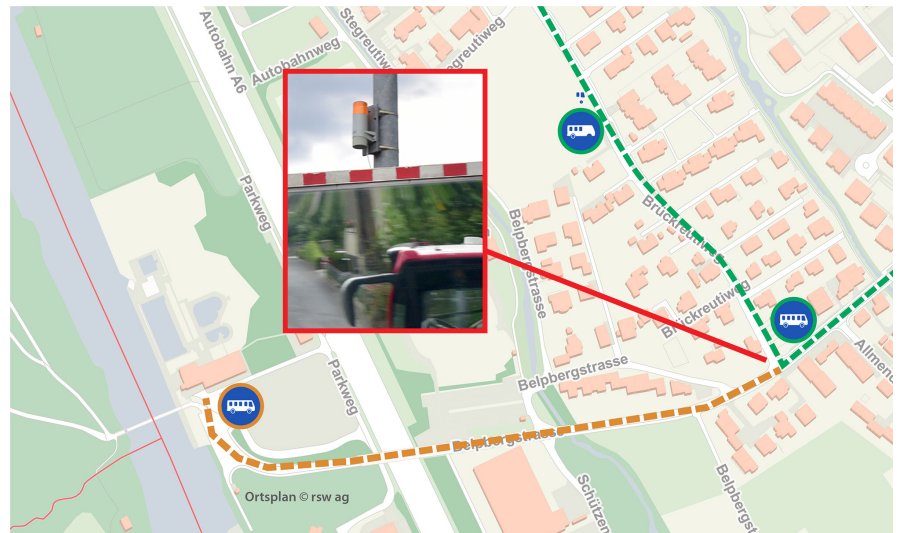
ComatReleco Products in use

- CMS-10R

Providing services according to demand also poses challenges for transportation companies. The number of passengers can fluctuate seasonally or depend on the weather. Flexible responses to changing traffic volumes are required.

Operational only during the bathing season

During the summer months, the municipality of Münsingen operates a park pool that is highly popular in good weather and is frequently visited by bus passengers. The bus stop is only served during the bathing season, and the bus only stops upon request. To do this, it deviates from the regular route (green on the map) and takes an extra loop (orange marking) to allow passengers to board and alight.



If a stop on demand is requested, the bus driver will make an extra loop.

Bus on call

However, how can the bus driver know if there are passengers to pick up if no one wants to go to the pool? Bernregio bus companies use the ComatReleco CMS-10R messaging system to notify the bus drivers. It can be activated by a button that passengers can press at the Parkbad stop when they want to be picked up.

If passengers press the button within a specified time window in the schedule, a warning light is activated at the previous bus stop through the IoT portal, and the driver knows that their services are needed to pick up bathers. Once this is done, the warning light is turned off and ready for the next call.

The system can include as many participants, i.e., bus drivers, as necessary, and it works just as easily and reliably whenever it is needed.



With the push of a button at the bus stop, a warning light is switched on via the IoT portal using the CMS-10R messaging system, informing the bus driver that bathers want to be picked up.

