



“I was extremely impressed when we tried out our low power network (LPN). The LPN can provide a very simple solution to certain problems that we have as a public authority. The attractive price/performance ratio also plays an important role.”

Martin Tanner,  
IT services at Zurich City Police

### Zurich City Police: M2M solution

## M2M improves sense of rhythm at Street Parade

To ensure that the rhythm of the Street Parade was beating in time even behind the scenes, Zurich City Police and Swisscom developed an M2M tracking solution. It was used to pinpoint the location of the Love Mobiles, and thus contribute to the smooth running of the major event. The new low power network (LPN) is used here.

#### The challenge: reliable tracking at a major event

To ensure that the roads can be opened to traffic again at the agreed time, the cleaning team has to be able to start work punctually after the Street Parade. This, in turn, means that the organising committee and the City Police need to know where the Love Mobiles are at all times during the event and be able to instruct them to continue driving, if necessary. For this purpose, the Love Mobiles were fitted with tracking devices that communicate their location reliably at minute intervals.

#### The solution: M2M solution based on the low power network (LPN).

The Swisscom low power network opened up new possibilities: since it is reserved for M2M/IoT applications with a limited bandwidth, connectivity is not affected in any way, even at crowded events like the Street Parade, which minimises the risk of failure.

Furthermore, it is perfectly designed for mobile applications where devices “in the field” rely on the lightest, smallest possible batteries with long battery life times. After just a short development time the City Police was able to distribute the LPN devices to the drivers of the Love Mobiles for the first time at the Street Parade 2015 – and thus receive a proof of concept.

#### The result: no failures and new inspiration.

Looking back, the Zurich City Police is very pleased. The solution was integrated perfectly into their own environment, connectivity was guaranteed at all times and the collaboration with Swisscom went without a hitch. In short, the proof of concept succeeded. Furthermore, according to Martin Tanner from IT services at the Zurich City Police, the positive experience with the LPN has increased awareness for a whole range of other application options – not only for emergency services, but also for other municipal services and authorities.

#### Further information can be found at: [www.swisscom.ch/m2m](http://www.swisscom.ch/m2m)

