

# TOLLING- NORWAY



Q-Free delivered the first free flow tolling station in Norway in 1988 and we have been leading the way in DSRC development and standardization since. We hold 2/3 of the market in Norway and have delivered almost 300 out of 430 lanes pr. Q1 2017.

Q-Free provides first, second and third-line support for all toll plazas it has delivered. This includes 24/7 surveillance, spare parts stocking and preventative/corrective maintenance. The company's current offering in Norway is a three-gantry Multi-Lane Free-Flow (MLFF) solution. It also delivers the ability to detect vehicles and collect tolls in both directions of travel with no physical barrier between opposing lanes. Norwegian roadside systems also give a light signal to the driver based on the status of the OBU/subscription. The offering can read AutoPASS OBUs, any EasyGo OBU and EN15509 OBUs.

Delivering over 3 million OBUs nationally to around 35 operators, the operating model of AutoPASS, Norway's national tolling standard, includes a requirement to distribute OBUs direct to end users and, when these are returned, to handle them according to Norwegian environmental laws and regulations.

In 2015 we delivered the new toll ring in Oslo, which has excellent performance, both in regards of detection and registration. We replaced another tolling system already in operation, and by the use of a mobile tolling station, we ensured that the customer experienced almost no loss in revenue.

[www.q-free.com](http://www.q-free.com)

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LEADING THE WAY