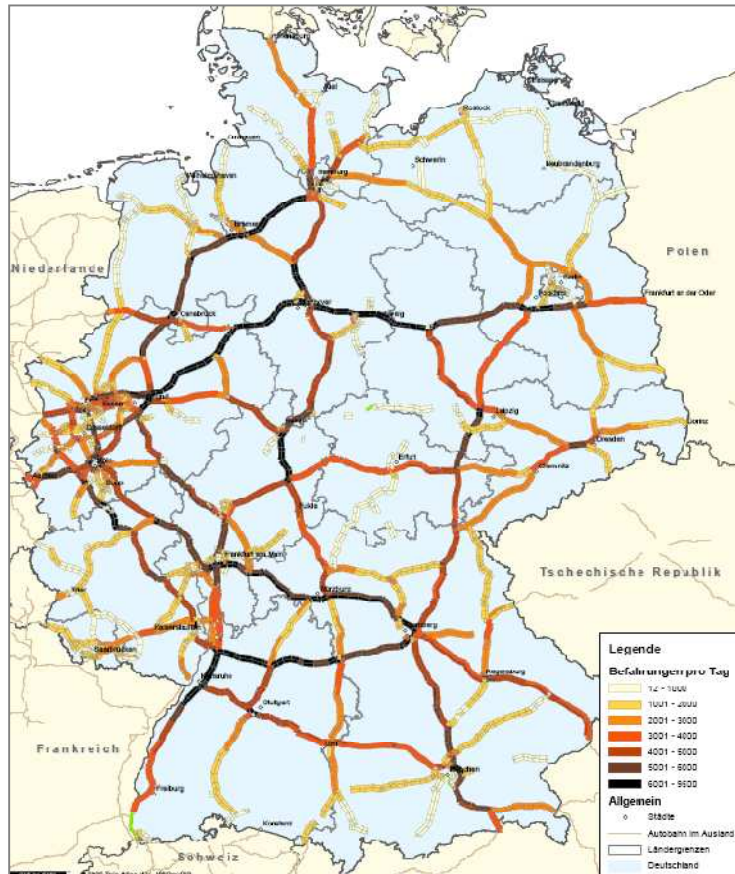


# New technologies enable innovative tolling



# GNSS - the solution for flexible tolling on nationwide networks



Open Road Tolling on 12.800 km...

...without roadside infrastructure

## Our core business - road infrastructure funding



2005+2006 € 5.943 billion

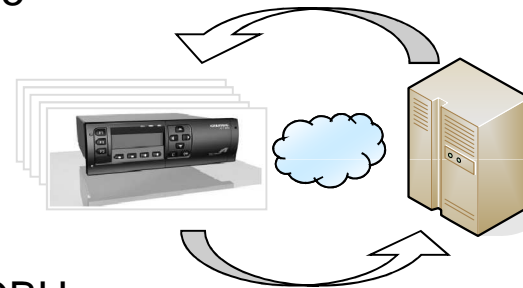
2007+2008 € 6.826 billion

2005 to 12/2009 € 17.179 billion

Growing demand for road transportation

## Our responsibility: reliability and high performance in Tolling

- Network modeling and tariffs always actual
  - ▶ 17 major Roadnetwork Updates over the air and 25 Tariff Updates since 2005
- Monitoring the GSM availability
- Remote Device Management
  - ▶ to make sure that the 640.000 OBU are working properly
- Central System is to be regularly updated (10 major Software-Releases) without jeopardizing the day to day operations



## Value Added Services: only the cherry on the cake

- e – Call
- Vehicle management
- Car-to-Car communication (DSRC module)
- Mobile Payment
- Logistics services
- Prevention of theft and abuse

