



Deutsche Bahn

Germany, 2011 - present



Deutsche Bahn Group (DB) is German state-owned railway company and owner of railway infrastructure. More than 295 thousand employees, annual revenue of 39 billion Euros and 2 billion of carried passengers every year make it the largest company of its kind in Europe. In 2010 and 2011 the DB was looking for a new solution of their telecommunication infrastructure. Jablocom phones have won the challenging tender.

Companies within the DB Group are responsible for passenger- and cargo-transport and administration of more than 33.000 kilometers of tracks all over Germany. That all calls for a reliable mean of communication. Unfortunately long distances between individual locations lead to enormous investments and operating cost if using conventional solutions.

That's why DB deploys own secure network based on GSM-R technology, which replaces the standard fixed infrastructure. In applications where it's not against the legislation or technical standards the DB has decided to utilize public mobile networks as well. It is providing solid signal coverage and reliable service while maintaining low costs. Locations with poor GSM signal are rare and can be fixed easily. Jablocom phones were chosen as end-terminals thanks to the price-performance ratio, functionality, quality, after-sales services and choice of devices with either internal or external antenna.

Jablocom phones are now also used in applications securing critical operations such as traffic control. Even though they can't substitute secure railway communication infrastructure, they are effective back-up solution, being used when main infrastructure is not operational. Under normal circumstances Jablocom phones are used for standard office communication.

Facts and figures

Initial condition:

- Extensive system of tens of thousands fixed phone lines spread over the whole Germany
- High investment and operational costs of conventional fixed infrastructure
- Need of back-up communication channel in critical operations

Solution:

- Jablocom mobile desktop phones (gradual replacement of fixed lines, currently more than 1.700pcs in total)

Results:

- Satisfaction with quality
- Savings on investment
- Minimal maintenance
- Cooperation last 4 years and continues

Cut costs in your company

Would you like to know more about our solution and how it can help you cut telecommunication costs?

Please, contact us.

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Other sources

Phone Solution website

jablocom.com/phonesolution

Phone Solution calculator

jablocom.com/phonesolution/calculator/

Case study providing information how the DB Netz AG uses Jablocom phones

Thomas Schnurrer,

Telekommunikationsanlagen an Strecken

und in Betriebsstellen der DB Netz AG,

Signal + Draht, 2013/10, page 10-14, ISSN

0037-4997

