

in Switzerland

NetProbe ERTMS test and measurement solution empowers
Telecom and ETCS engineers





Photo source: Source Alptransit Gotthard (ATG)

Switzerland is one of the leading European countries in terms of ERTMS deployment.



Over 1000 trains are currently fitted with ERTMS.

This has significantly increased capacity & train speeds.





sbb.ch/gotthard



Providing Viligance. Creating Wisdom.

2011

Start test and measurement in Switzerland.

Compatible with radio brands such as:





Radios can be tested at the same time.

NetProbe ERTMS in Action

Run tests for minutes, hours or days

August 2015

Integration of ETCS L2 track Brunnen - Altdorf including RBC – RBC Handover - Active Drive-Test – scheduled testing on-board trains

- GPRS and GSMR networks

- 16 call types & usage scenarios

- Voice, data, group calls

- Simple & complex test calls

- Test every new radio & firmware before they can be used in the field

- Data processed – up to 1 GB/hour Configure & preprocess data ready for reports

December 2015

Integration of ETCS track GBT south

Over 800 test runs covering almost 32000 km

Photo source: Source Alptransit Gotthan

(ATG



User satisfaction

Before installation

4 months later

Telecom Operations users Telecom Engineering users ETCS users 8 ----- 12 1 ----- 17 1 ---- 28 286

incidents occurred on these two tracks.

95%

cases solved within ETCS Department without involving Telecom specialists.

(August 2015 - Feb 2016)