



Leak found through precise pinpointing: Sustained minimisation of drinking water losses

Sebalog N-3 Network Network of correlating noise loggers

Description

In December 2015, our Swiss sales partner Riwaterc installed noise loggers at the Bern train station to detect leaks in the station's drinking water supply.

The loggers send data wirelessly on a daily basis to the GSM box with integrated SIM card. From there, the data is sent to an FTP server which the user can access online in the SebaCloud.

Directly following the installation, three leaks were detected in this way. One of these was a constant 30 l/min "continual leak" that for years had caused visible moisture damage in the underground passageways to the platforms. The leak was able to be precisely located through the services of the Riwaterc company. Since this leakage was directly under a track bed at platform 6 and the repairs turned out to be very costly, this line was taken out of service until repaired. For the SBB this was a complete success, since leak localisation is made extremely difficult by the constant background noise.

Project

Monitoring the drinking water network of the train station

Period

From December 2015 to present

Customer

Schweizerische Bundesbahnen SBB

