



„We can **transmit the data from 100 noise loggers** with **just two GSM boxes**. That's great, because we therefore have **minimal data transmission costs!**“

Mr. Tobias Nayda, DEW21,  
Head of maintenance and inspection

## Sebalog N-3

### Correlating network noise loggers

#### Description

The Sebalog N-3 fixed network of correlating noise loggers is the future standard solution for water network monitoring and remote leak pinpointing. The system is composed of Sebalog N-3 noise loggers, signal repeaters and a central communication box. Due to the transmission of acoustic recordings, the system can not only display noise levels and frequencies, but can carry out the correlation of sound recordings.

The main advantages of the Sebalog N-3 fixed network are:

- » Remote leak monitoring and pinpointing
- » Transmission of acoustic recordings for correlation
- » Advanced web-based evaluation software
- » Adaptable to existing SCADA systems
- » Cascading repeater functionality
- » Interactive pipe mapping tool

#### Project

Permanent leak monitoring of the densely populated inner district of Dortmund city.

#### Quantity

100 noise loggers installed so far.

#### Period

2012 - ongoing

#### Customer

DEW21 – Water and energie supplier of the city Dortmund, Germany

