

# Case study

## – Iceland volcano monitoring

› Producer website  
[www.conel.cz](http://www.conel.cz)

### Equipment used: GPRS/EDGE router ER75i

#### WIRELESS REMOTE VOLCANO MONITORING


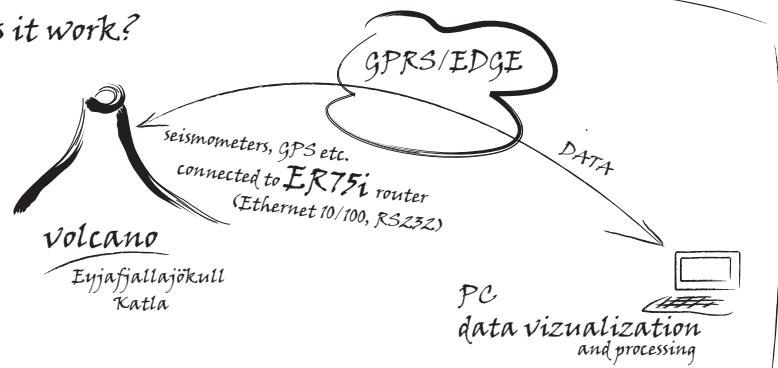
What do Icelandic volcanoes do? Answer for this question is extremely important for many people and companies not only on Iceland. Remember sky-close situation in 2010 due to volcano ash in atmosphere and thousands of people waiting in vain for their scheduled flights and horrible cargo delays across Europe... Remote monitoring of volcanoes is really important for all of us.

„Wireless data transfer from geo-measuring devices is one of the large varieties of applications where communication in GSM mobile operator network is really efficient. Reliability and security of such a solution is high. Important is also low enter and operating cost compared to another available technologies on market,” says Ing. Otakar Müller, Conel Marketing and Sales Director.

A Conel s.r.o. devices – in those cases GPRS/EDGE ER75i routers – helps to transfer data from seismological stations by wireless GPRS/EDGE mobile operator network technology. Data are transferred to centre where are processed and analyzed.

His opinion is proved by operating of hundreds similar applications not only on Iceland. It is clear that GPRS/EDGE routers ER75i are not suitable only for industrial use, data transfer from ATM, ticketing terminals or kiosks as we thought before...

#### How does it work?



**GPRS/EDGE router ER75i**

- › Producer website, [www.conel.cz](http://www.conel.cz)
- › Ethernet 10/100, USB, RS232, RS422, RS485, MBUS, I/O.
- › 2 × SIM card holder possible



Photo: The Icelandic Meteorological Office (IMO)

### contact

Conel s.r.o. • Sokolská 71 • 562 04 Ústí nad Orlicí • Czech Republic  
Tel.: +420 465 521 020 • Fax: +420 465 521 021  
E-mail: [info@conel.cz](mailto:info@conel.cz) • Web: [www.conel.cz](http://www.conel.cz)