



## Pressure Management in Bardejov

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| Application Field: | Pressure Management                       |
| Place:             | Bardejov, Slovakia                        |
| Date:              | 2009                                      |
| Solution:          | Critical point control / GPRS incl. SCADA |

### Project description:

The historic part of the town of Bardejov is part of the UNESCO World Cultural Heritage and has 21,000 inhabitants.

Before the installation of the VAG Pressure Management System, the water supply of this Slovakian town suffered from frequent interruptions. Water losses amounted to more than 20% of the total quantity of water supplied to this district.

To eliminate these problems in the distribution network, VAG worked out a customized technical solution. Its core was a DN 200 VAG RIKO® Plunger Valve with an AUMA electric actuator.

After its installation, water losses were dramatically reduced. On average, 4.5 litres of water per second are saved. As a result, over 74,000 m<sup>3</sup> of water were saved within the period of one year.

The customer also informed us that the actual water savings even exceeded the savings expected just one year after installation. In addition to this, the number of pipe bursts dropped from 49 to 32.



The town of Bardejov



Valve installation chamber