The background of the entire page is a close-up, high-angle shot of a modern, polished chrome water tap. The tap is angled downwards, and a single, large, clear water droplet is captured in mid-fall from its spout. Several smaller droplets are visible just below it, creating a vertical line of water. The lighting is dramatic, highlighting the metallic sheen of the tap and the clarity of the water. In the upper portion of the image, several thin, curved blue lines sweep across the frame, adding a sense of motion and design.

Systematically identify undiscovered water losses

Detect leaks and save costs

Because all those drips add up

Detecting leaks pays off – economically and ecologically

Leaks occur on taps and toilets. Undiscovered, they lead to high water losses and additional costs. The intelligent control system from ista® systematically records consumption data. A module installed on the existing water meter makes this possible. Continuous leaks can therefore be detected, protecting tenants against unnecessary costs.

Warning in the event of water loss

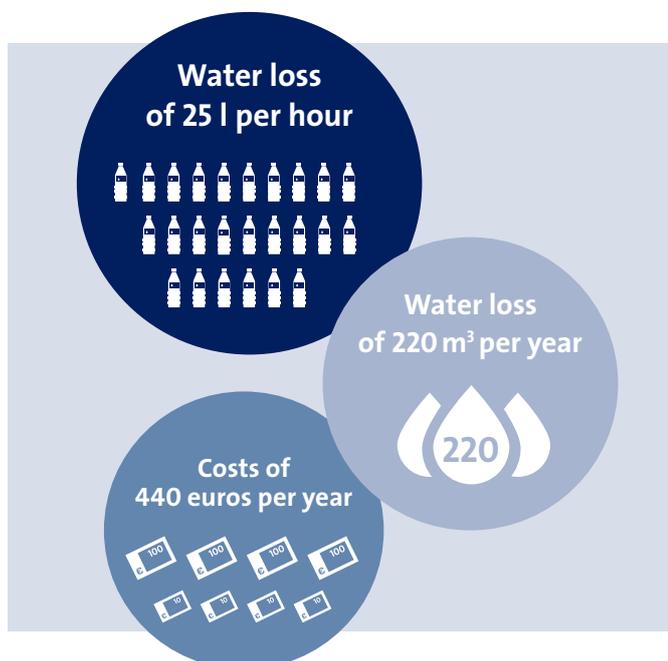
A dripping water tap or a constantly flushing toilet are indications of an unwanted discharge of water. These leaks can be discovered in good time with the help of advanced technology. The system is continuously monitored by a module on the water meter which is integrated into the ista radio system. This installation triggers a warning which is forwarded to the property management. Water wastage can therefore be detected and avoided. This protects the tenant against unnecessarily high water costs or provides an indication of a faulty tap.

A warning is transmitted after a defined period to exclude user mistakes – e.g. not turning a water tap off properly – as the cause. If consumption remains normal, the property manager is informed by e-mail twice a year.

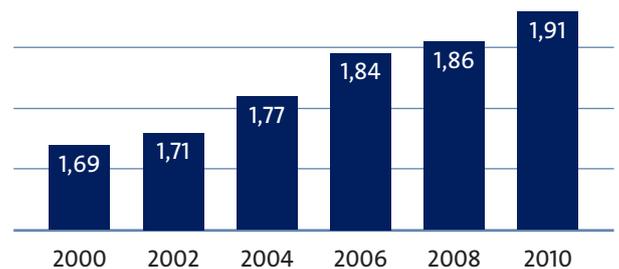
A leak can be expensive

A faulty toilet flush is frequently the cause of unnecessarily high consumption. If the water flow does not stop properly after flushing, roughly 25 litres of water are lost per hour.

Case study – leak



Development of the water price in Germany the last fourteen years



Average price for households in Euro per cubic meter. Compare: BDEW und trinkwasser-net.de

That means roughly 220 m³ a year! If one cubic metre of water costs roughly two euros, the annual loss adds up to a good 440 euros. Money that is flushed down the drain unnecessarily.*

Conserving resources, preventing damage

Having enough water is a luxury, considering the water shortages in other regions of the world. Keeping an eye on daily water consumption should therefore be a matter of course. Not just to conserve natural resources and save money on water consumption. A leak which is reported quickly can avoid expensive follow-up costs because it stops the situation getting worse.

Further information

Please contact us on www.ista.com.



Small module, great benefit

The installation of the module on the water meter and the associated check is a service which property managers and consumers definitely benefit from.

- Identifying leaks and higher consumption reduces consumption costs
- Discovering leaks in good time minimises administrative work
- Environmentally responsible use of the ever more valuable resource, water