

## Case study ICA-system at the HILTON Rotterdam



### General Information:

The HILTON Rotterdam was opened by founder Conrad Hilton in 1963 and was completely renovated in 2012. For effectiveness, health and environmental concerns the HILTON decided not to use chlorine dosing in drinking water. Thus posing itself a big challenge to fight the *Legionella* bacteria with the old plumbing. In the summer of 2007 the HILTON asked ATECA to take over the responsibility to guarantee safe and clean drinking water. By then the *Legionella* count reached the total sum of more than 10,000 TVC and -even more worrisome- 66% of the tap points were contaminated: the bacteria was found all over the hotel.

With the installation of the ICA-system and a service contract ATECA worked 24/7 to eliminate the *Legionella* bacteria. Within two months no more *Legionella* was detected ever since.

The HILTON Rotterdam choose the ICA-system because of:

- the professional service of ATECA
- the high standard of safety/technology/monitoring/control in the ICA-system
- the outstanding record of success in other large facilities

The ICA-system is your **permanent solution for safe drinking water** without *Legionella*, *E-coli* and other pathogenic bacteria.

## Statistics legionella problem solved:

The HILTON Amsterdam started with a very significant legionella problem. First sampling in September 2006 was before the ICA-systems became operational, no silver found and high legionella counts.

The two graphs clearly shows the effectiveness of the ICA-system in legionella prevention:

