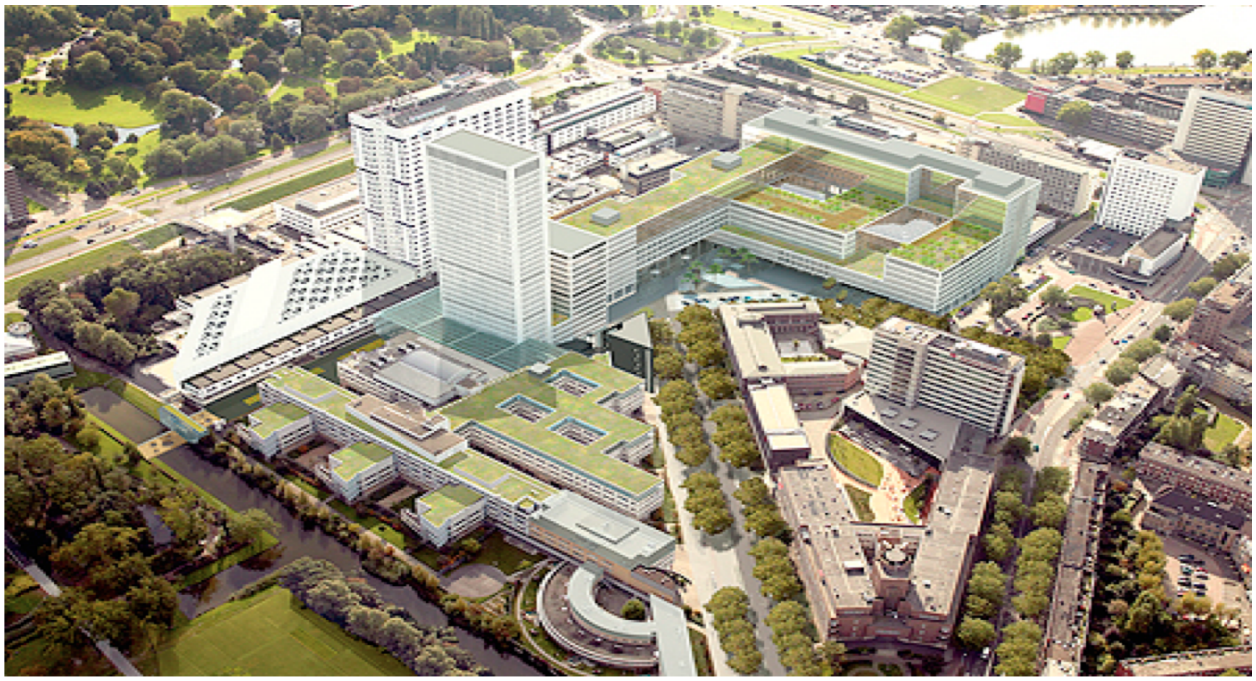
ATECA
the dutch water expert

Case study ICA system at the Erasmus University Hospital, Netherlands



General Information:

Erasmus University Hospital (Erasmus MC) is the largest hospital and potable water system in the Netherlands, using over 420.000 m3/year at around 11.000 tap points. During the summer of 2010, Erasmus MC encountered a major legionella problem. Testing 900 tap points in the hospital, giving legionella positives at 620 tap points (100 CFU/ltr or more), Erasmus MC decided to install legionella filters at all tap point in the hospital at a cost of € 100.00,00 per week. This temporary solution made the hospital potable water safe for patients & staff and gave a time window for the hospital to make the right decision. Erasmus MC made the choice for the ICA-system, mainly because of:

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

Within 1½ months ATECA build, delivered and put three ICA-systems operational for the three water mains (2 x 60 m3/hr and 1 x 20 m3/hr ICA-systems).

ICA water ionisation treatment

Statistics legionella problem solved:

Erasmus MC started with a very significant legionella problem. First sampling at 31-1-2011 was before the ICA-systems became operational, no silver found and big legionella counts.
The two graphs clearly shows the big success of the ICA-system in legionella prevention.