



Case Study

Cost effective waterworks automation with the help of Tosibox

Tamitech Automation is a small and flexible company in the field of automation. The successful implementation of Tamitech customer projects is based on the strong automation know-how and long experience of numerous different types of projects. Tamitech's areas of expertise include water management systems, district heating, power plants and industrial automation. This Case Study is an example of a waterworks project carried out by Tamitech.

Challenge

Remote control solutions for waterworks typically rely on industrial radio modems operating in a specific frequency band. The equipment is reliable, but their investment costs are often substantial. Therefore, Tamitech has been searching for a more economical alternative. The company has tried two remote connection solutions, but the deployment of these systems and, above all, their maintenance turned out to be laborious. The equipment required static IP addresses, port numbers and routing settings in the central server. Arranging these slowed down the progress of the projects. Problems were also caused by changes made in the customer or the operator IP network. The changes could interrupt the connection and it had to be restored.

Solution

Thanks to Tosibox, Tamitech is now able to offer their customers a cost effective waterworks remote control solution. Its operation is also affordable, for Tosibox remote access has proven very reliable. Tamitech has installed tens of Tosibox Locks with 3G modems. The installation locations are often remote and vulnerable to network disturbances. During the two years of use there have been hundreds of disturbances in the network, but the Tosibox automatic reconnection function has re-established the connections.

"Tosibox remote connection/access has proven to be very reliable. During the two years of use. There have been hundreds of network disturbances, but the Tosibox automatic reconnection technology has restored the connections."

Heikki Halme, CEO, Tamitech Oy

Tamitech Waterworks Solution

