



HydroCloud IoT Solution

HydroCloud can be used particularly advantageous if you maintain several lifts. It gives you an overview of all units at all times and allows you to manage your lifts perfectly.

The statistical data provides you with valuable information on usage figures, uptime, energy consumption etc. – in real time. By knowing the usage data, you can plan your service and maintenance windows more efficiently, and cause less disturbance to the lift users.

This is an ideal tool for technicians, supervisors and facility managers to check the unit remotely. It enables you to see potential error codes and faults before going on site.

This is the information you can track:

Controller 3G-1 (V4):

Real time information

- Status of the lift
- Status of safety circuit
- Direction of a trip
- Current error
- Status of light curtain / photocells
- Status of the doors

Historical data

- Number of trips (total and per day)
- Uptime of the lift
- Error log
- Exporter Tool (CSV)

And this is how it works: Connection from the HydroElite to the cloud is made through a private mobile network. The connection is encrypted with AES256-bit in the MQTT protocol.

The network is terminated on the inside of the telecom operator and the data is then sent in a new encrypted form to the database of HydroCloud. The platform is accessible at any time via tablet, pc or smartphone. With a login you will get an overview of all your connected units at the same time.

The solution is available as a retrofit kit for existing HydroElite 3G-1 (V4) and 3G-5.20 (V5) as well as an add-on option for all new deliveries.

Controller Version 5 (V5):

Same as V4 but also with:

Real time information

- Oil temperature
- Car floor position
- Ambient temperature
- Inspection mode

OPTION – Energy Consumption

One of the most important benefits of this tool is that you can get the possibility to measure energy consumption of the lift. The system shows you at what times the lift consumes most of the energy, which helps you to make conclusions and optimise constituent components (door drives, lightning etc) to make it more efficient.