

Application sheet

Dosing Control

Microtronics inside

500 ml

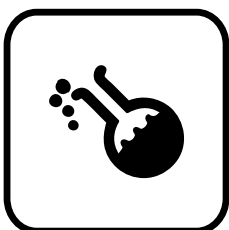
400 ml

Data points:
204,400
per unit/month

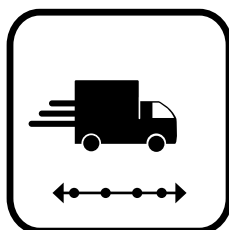
CONTROL OF CHEMICAL DOSING | OPTIMIZATION OF THE SUPPLY CHAIN THROUGH AUTOMATIC RE-ORDERING OF THE CHEMICALS | AUTOMATIC VALUE CORRECTION | VISUALIZATION OF DATA IN REPORTS AND STATISTICS | MASSIVE REDUCTION OF CONSEQUENTIAL DAMAGES TO BUILDING STRUCTURES | COMPLIANCE WITH DIRECTIVES AND LAWS

Application sheet

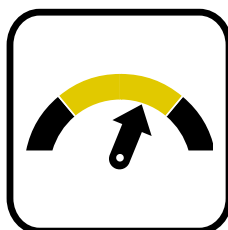
The application of Microtronics in dosing control



Control of chemical dosing on the basis of measured values acquired on site



Optimization of the supply chain by automatic re-ordering



Automatic value correction



Visualization of data in reports and statistics



Massive reduction of consequential damage to building structures



Compliance with odour emission directives (GIRL)



Microtronics

Requirements

- Regulation of the chemical dosage for wastewater pumping stations
- Local programming of complex calculation and control tasks
- Differing access rights to the central web server
- Online and offline regulations with a background weekly schedule (consideration of national holidays)
- Compliance with directives and laws

Functional description

With the wireless data transfer technology from Microtronics you are able to implement automatic dosing control systems in the simplest possible way. The additional activation of sensors and actuators is possible with the multi-function tool myDatalogMUC. The chemical supply is regulated on the basis of data that is locally acquired or transferred by M2M communication. With online mode you obtain constant access to the data via the central web server. Data transfer is a fixed component of Microtronics's Managed Service. The data are visualized and analysed on the web server. Interfaces enable easy integration into your business processes.

Key functions

- Control of chemical dosing on the basis of measurements acquired on site or defaults derived from a remote connection
- Optimization of the supply chain through automatic re-ordering of the chemicals
- Automatic base value correction
- Visualization of data in reports and statistics
- Massive reduction of consequential damage to building structures
- Compliance with odour emission directives (GIRL)
- Automatic gas measurement

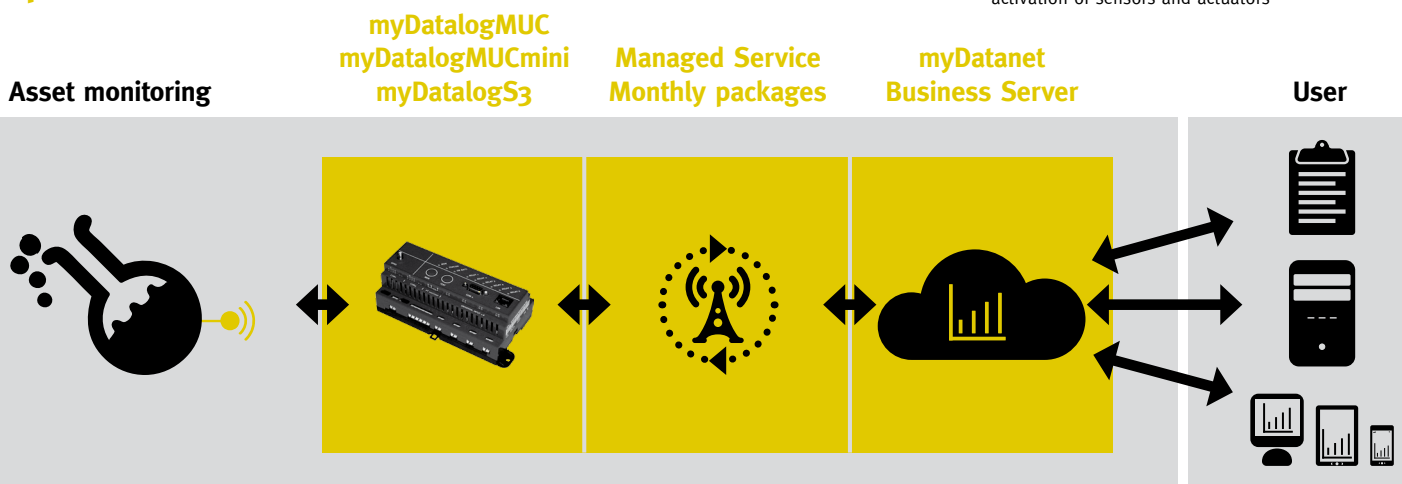
Fields of application

- Avoidance of nuisance to residents caused by odour emissions produced by hydrogen sulphide
- Corrosion control
- Assurance of the wastewater quality
- Addition of chemicals for odour and corrosion control
- Odour masking



myDatalogMUC, device for the activation of sensors and actuators

Components



6872 4337 3043 10 2906
49 80 3364 236 46
64 21 16 56 12
5 9872
48 35

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