

AQUADVANCED® Plant is composed of three expert modules that optimize process and asset management.

Monitoring



- Real-time and daily monitoring : treatment processes, availability of assets and operating time, energy and reactivities consumption, interventions, safety, operating costs...
- Early detection of malfunctions and smart management of alarms
- Real-time and multi-plant dashboard customizable by operators

Predictive analytics



- Preventive maintenance adapted to the equipments condition
- Real time modelling and prediction: process, assets, hydraulic, quality, odors, chemicals, water consumptions, energy
- Predictive alerts
- Aging models of equipment and renewal strategies (pumps, membranes...)

Advanced control



- Settling & filtration optimization modules
- Optimized management of olfactory nuisance (0 complaints)
- Optimized management of anaerobic digestion & co-generation
- Control of the biological treatment aeration

AQUADVANCED® Plant

360° optimization
of water treatment plants



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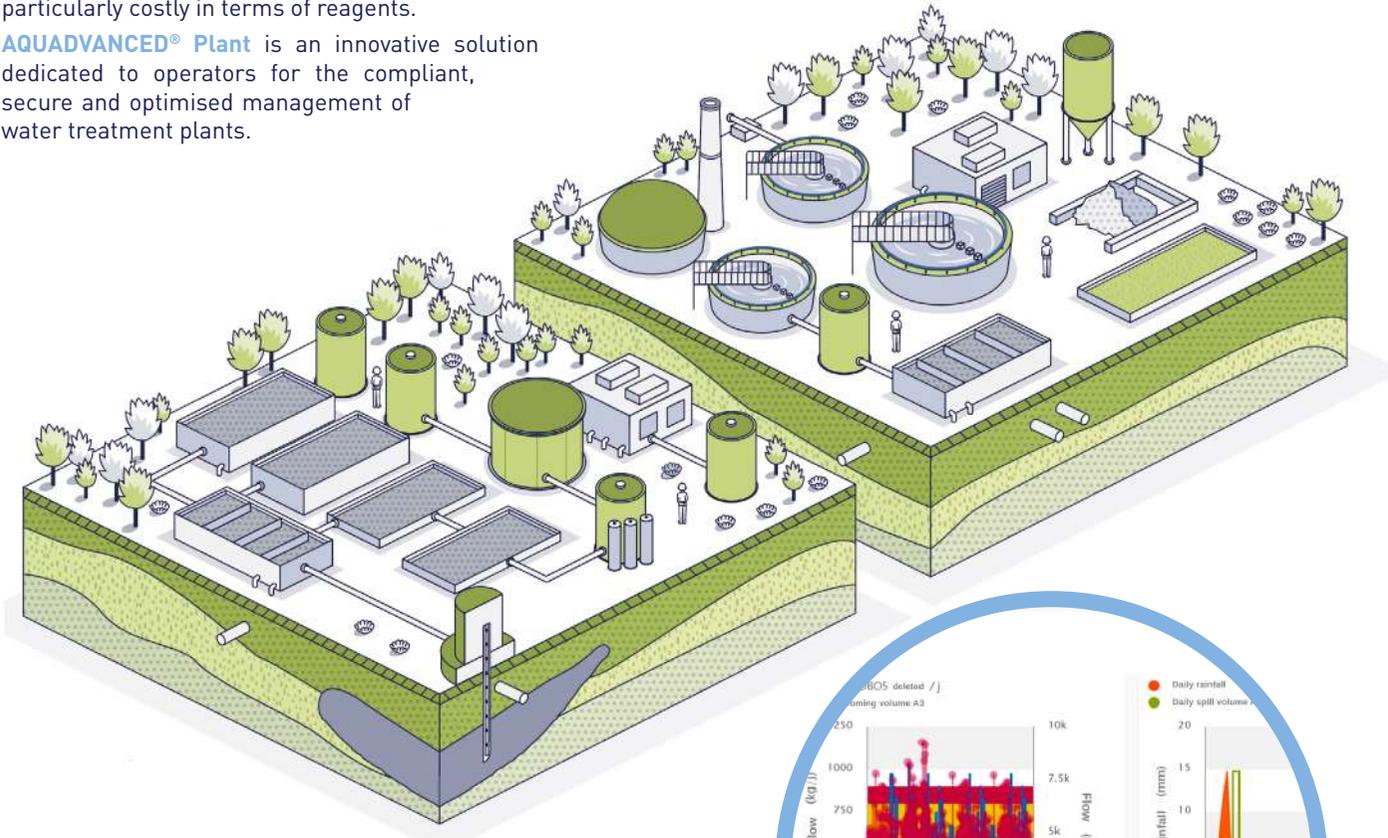
AQUADVANCED® Plant, real-time control software for the performance of water and waste water plants

Highly energy-consuming, water treatment plants have to evolve to benefit from predictive maintenance solutions, secure operations and optimize their processing processes, which are particularly costly in terms of reagents.

AQUADVANCED® Plant is an innovative solution dedicated to operators for the compliant, secure and optimised management of water treatment plants.

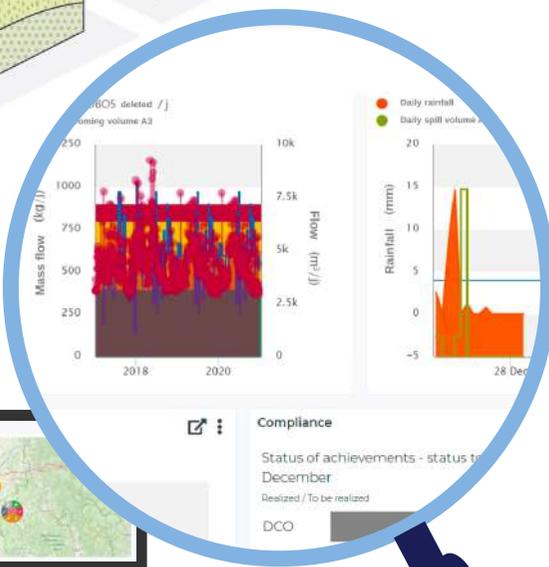
With **AQUADVANCED® Plant**, operators comply with water quality regulations while optimizing operating costs through detailed monitoring of assets and their interactions.

Composed of different decision support modules, the solution offers advanced functionalities from real-time monitoring and analysis of the performance to optimized and fully automated control features.



A modular solution

Adapted to any type of water treatment plant. Depending on the performance objectives and the existing systems, the application can easily be completed with modules specific to each business line.



For the economic optimization and security of operations and agents



In real time, AQUADVANCED® plant allows to :

- Optimize operating costs related to resource consumption, interventions and maintenance operations
- Rationalize asset investments
- Ensures the safety of field agents and security of infrastructure
- Guarantee regulatory compliance
- Offers a customizable hypervision accessible at all times