Integrated and smart management

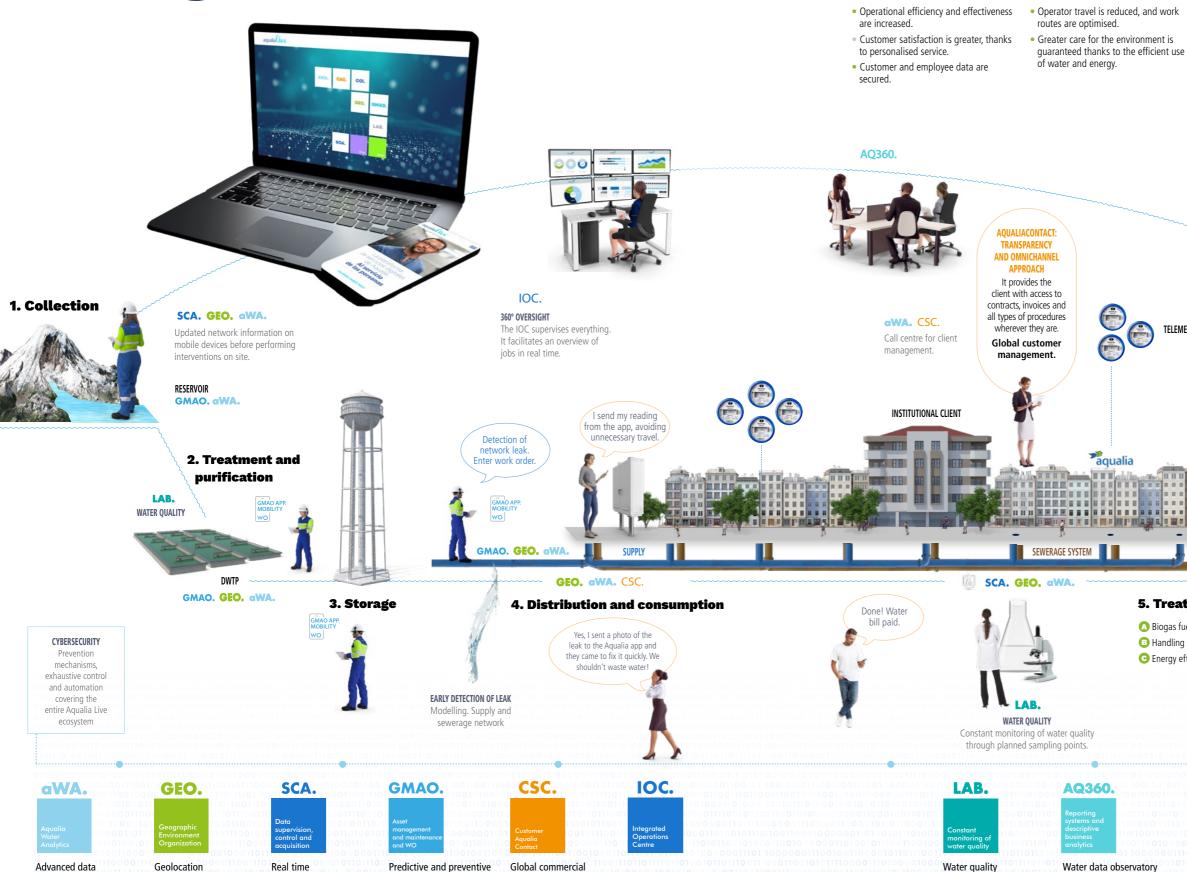**aqualia*live***

Advantages for
● People ● Administrations

- Operational efficiency and effectiveness are increased.
- Customer satisfaction is greater, thanks to personalised service.
- Customer and employee data are secured.

- Operator travel is reduced, and work routes are optimised.
- Greater care for the environment is guaranteed thanks to the efficient use of water and energy.

- Omnichannel approach enables communication with clients, employees and suppliers from any place and device.
- Supervision of infrastructure is enabled through remote control.
- Water production is adjusted using demand forecast models.

- Network leaks can be detected and unauthorised consumption can be controlled.
- Enables knowledge and analysis of consumption patterns to adapt processes and guarantee supply.
- Ensures accurate billing.
- In-depth knowledge of the infrastructure, the consumption pattern and the environment enables design of master plans for towns.

AQ360.

1. Collection

SCA. GEO. aWA.
Updated network information on mobile devices before performing interventions on site.

RESERVOIR
GMAO. aWA.

IOC.
360º OVERSIGHT
The IOC supervises everything. It facilitates an overview of jobs in real time.

aWA. CSC.
Call centre for client management.

AQUALIACONTACT: TRANSPARENCY AND OMNICHANNEL APPROACH
It provides the client with access to contracts, invoices and all types of procedures wherever they are.
Global customer management.

TELEMETER FLEET

Excuse me, I noticed my bill is unusually high. Can you help?

2. Treatment and purification

LAB.
WATER QUALITY

GMAO APP. MOBILITY WO

Detection of network leak. Enter work order.

I send my reading from the app, avoiding unnecessary travel.

GMAO APP. MOBILITY WO

INSTITUTIONAL CLIENT

Aqualia says there may be a fault. Oh no!

aqualia

Watering in parks and gardens

6. Reuse and return to nature

DWTP
GMAO. GEO. aWA.

GMAO. GEO. aWA. **SUPPLY**

SEWERAGE SYSTEM

GEO. aWA. CSC.

SCA. GEO. aWA.

SCA. GMAO. aWA.
Overflow notices and control of discharges into the environment.

3. Storage
GMAO APP. MOBILITY WO

4. Distribution and consumption

Yes, I sent a photo of the leak to the Aqualia app and they came to fix it quickly. We shouldn't waste water!

Done! Water bill paid.

5. Treatment
- Ⓐ Biogas fuel
- Ⓑ Handling sludge as fertiliser
- Ⓒ Energy efficiency

CYBERSECURITY
Prevention mechanisms, exhaustive control and automation covering the entire Aqualia Live ecosystem

EARLY DETECTION OF LEAK
Modelling. Supply and sewerage network

LAB.
WATER QUALITY
Constant monitoring of water quality through planned sampling points.

BUILDING INFORMATION MODELLING (BIM)
Combination of augmented reality and building information modelling for end-to-end water cycle management.

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aWA.	GEO.	SCA.	GMAO.	CSC.	IOC.	LAB.	AQ360.
Aqualia Water Analytics	Geographic Environment Organization	Data supervision, control and acquisition	Asset management and maintenance and WO	Customer Aqualia Contact	Integrated Operations Centre	Constant monitoring of water quality	Reporting systems and descriptive business analytics
Advanced data analytics	Geolocation of assets	Real time monitoring	Predictive and preventive maintenance.	Global commercial management		Water quality monitoring	Water data observatory for decision-making.