



**Operational Management Solution, to support control, planning,
registration, and management of planned and unplanned
infrastructure operation work**



What is it?

More efficient network
operation and infrastructure
management

Designed to support all processes for operational infrastructure management.

Occurrence registry / Log

Registration of Planned and Unplanned Works

Operating plans

Infrastructure Inspection Routines

Operational parameters verification

Equipment operating status verification

Cleaning programs

Reagent stock management

Waste management

Integration with other information systems

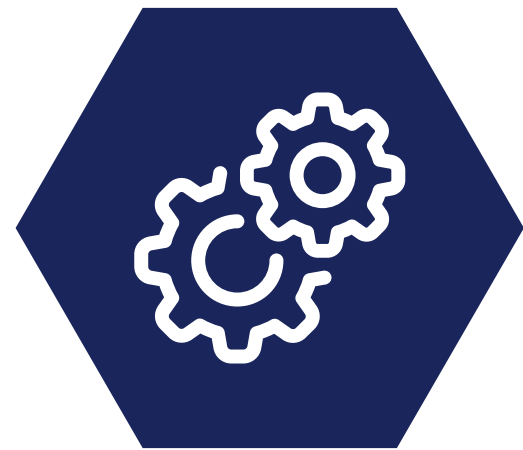
Online / Offline mobility

Greater control of operational activities through systematization, standardization and monitoring of operational processes, with definition, registration and communication of work in a single solution.

Increased productivity with task performance optimization and information management.

Operational processes increased efficiency with consequent improvement in service quality and reduction of operating costs.

Overall improvement of the quality of the service provided.



Solution configuration and parameterization
Access to user profiles / Users
Structure of functional locations
Resource Management (People / Vehicles / Materials / Equipment)



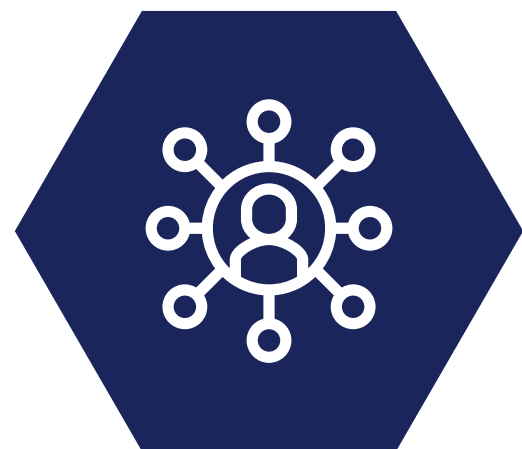
Online / Offline mobility
On-site interventions Characterization
Media / Materials / Resources Register
Interventions Georeferencing
Cadaster view



Waste Management:
Transport orders / Transport guides
Operator and Transport Licences



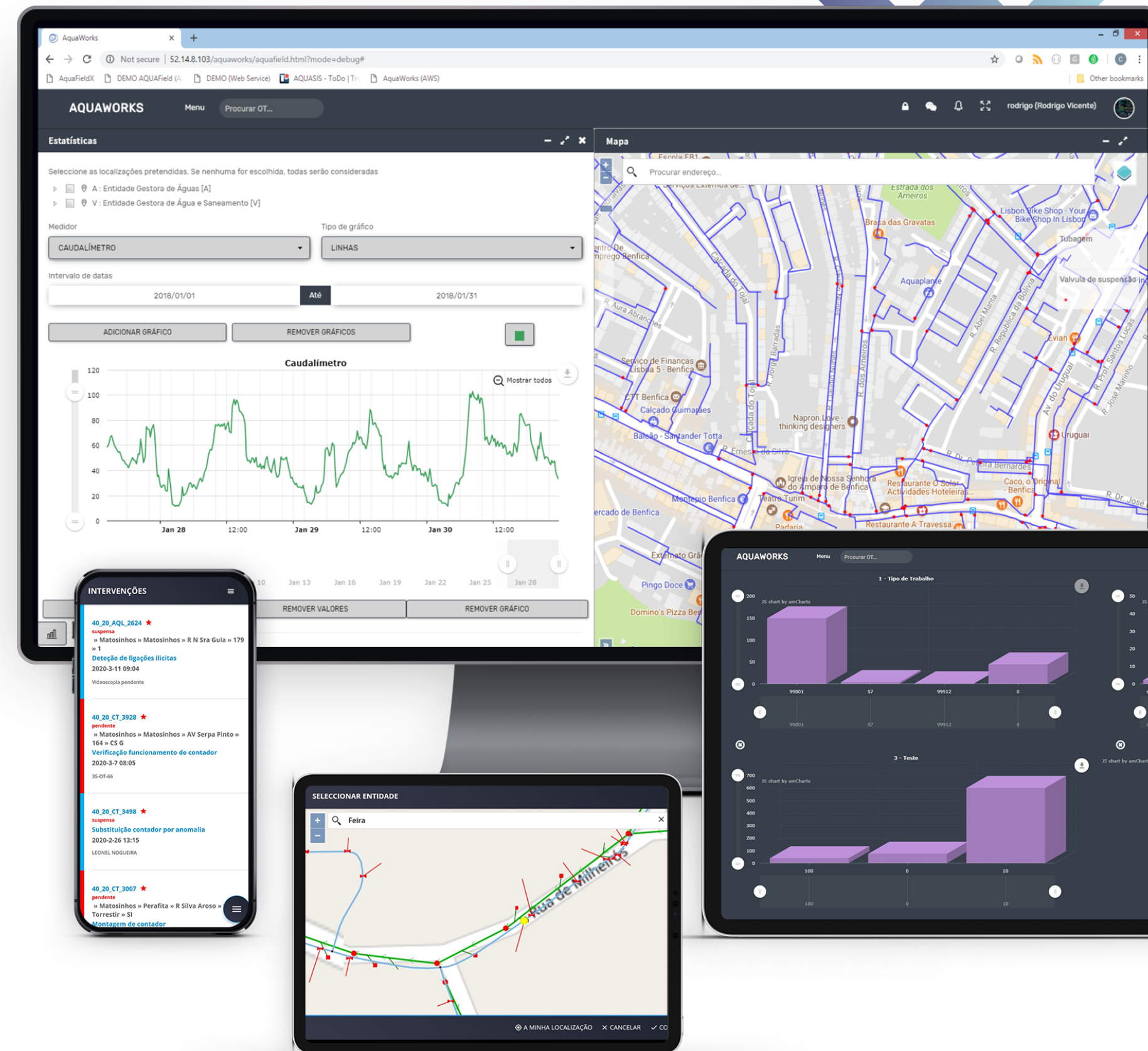
Occurrence Log
Work Orders Registration and Planning
Allocation to operational teams
Interventions association to Infrastructure



Support for infrastructure operation processes
Integration with GIS, ERP, CRM and SCADA
Continuous registry update



Reagent Management:
Purchase orders and reception
Consumption Log
Stock controls
Warehouse management



How does Aquaworks work?



Web - Processes

System administration
Service Requests and Occurrences
Work Orders planning and registration
Work Orders allocation to operational teams
Operational Routines parameterization
Scheduler
Bulletin board service for users profiles
Alarm boards
Notifications
Chat between users connected to the system

Occurrences and Work Orders georeferencing
Consultation of GIS registration data
Advanced integration features with G/InterAqua GIS:
- Information search
- Registration data Consultation
- Valve manouvering Optimisation
- Identifica



Mobility - Processes

Possibility of online or offline work
Automatic georeferencing of all activity
Association of interventions to infrastructure elements
Possibility to document all activity with photos taken from your tablet or smartphone

Expedite query of historical data
Query documents and other files related to the tasks to be performed

Benefits of using Aquaworks

- ◆ Control of operational activities
- ◆ Systematization, standardization and monitoring of operational processes
- ◆ Increased treatment processes efficiency with consequent water quality improvement and reduction of operating costs
- ◆ Increased productivity
- ◆ Optimization of performed tasks
- ◆ Information management
- ◆ Overall improvement of service quality
- ◆ Proper integration with information systems ensuring non-duplication for collection and update mechanisms:
 - Customer billing system - CRM
 - Business management system - ERP
 - Maintenance management system
 - Geographic Information system - GIS
 - Flow and pressure monitoring system
- ◆ Interventions cost analysis
- ◆ Association of interventions to assets (GIS, ERP)



WEB AND MOBILE

OCCURRENCE MANAGEMENT



WORKORDER MANAGEMENT

**INSPECTION AND
OPERATION ROUTINES**



INFRASTRUCTURE MANAGEMENT

REPORTS AND STATISTICS



ONLINE/OFFLINE MOBILITY

**INTEGRATION WITH GEOGRAPHIC
INFORMATION SYSTEMS (GIS)**



**INTEGRATION WITH CUSTOMER
MANAGEMENT SYSTEMS /
BILLING SYSTEMS (CRM)**

**INTEGRATION WITH BUSINESS
MANAGEMENT SYSTEMS (ERP)**



REAGENT MANAGEMENT



WASTE MANAGEMENT



ADMINISTRATION



aquaworks.

Other solutions



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