AQUASOFT
AQUAWORKS

APPLICATION FOR THE ANALISYS OF THE WATER NETWORK PERFORMANCES

FAST
CONTROL TECHNOLOGY

AQUASOFT AQUAWORKS

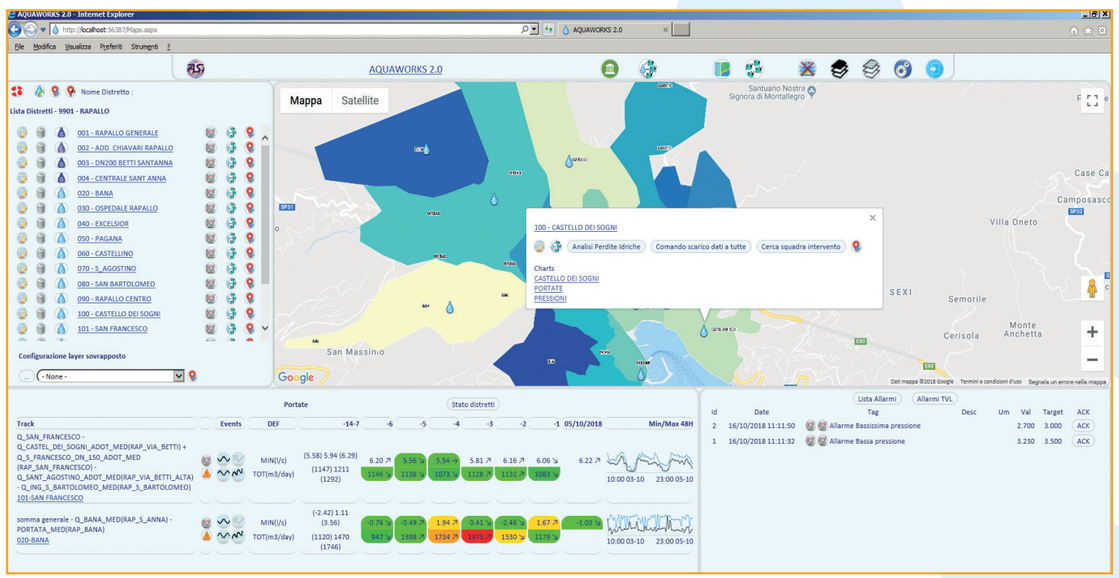
AQUAWORKS is an application software that assists the operator to immediately capture the most important events in water network: from the DMAs creation to the in-depth leakage investigation.

FUNCTIONS

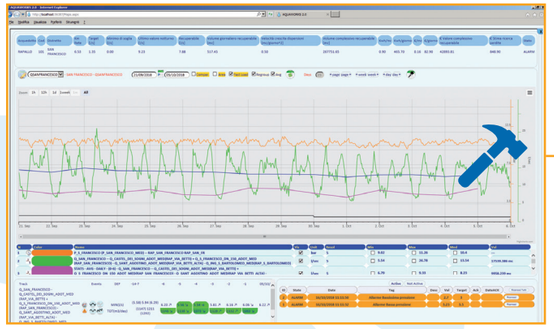
- Multitrack charts show the trend of flows and pressures with special reference to nocturnal behaviors
- Leakage pre-localization
- Dynamic alarms calculated on drifts and tolerances of the chart traces
- Alarm in case of exceeding thresholds
- Signaling and graphical representation of pressure transients (“Water Hammer”)
- Economic evaluation of the convenience of repair interventions
- Evaluation of fault repair and operation recovery effects
- Identification of the “Golden Week”
- Possibility of making comparisons between different periods in the same district or on different districts
- Interaction with intervention teams

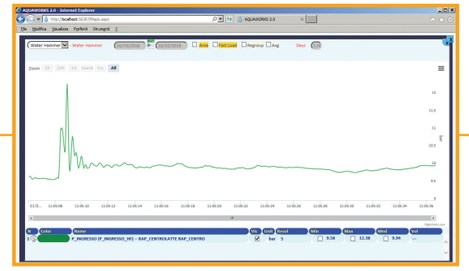
STATISTICS

- Leakage estimation according to IWA standards, grouped by districts, aqueducts and geographical areas
- District water balance
- Macro-indicators calculation
- Economic evaluation of the leakage annual cost
- Statistics on the breakages frequency



DISTRICT PANEL WITH LEAKAGE PRELOCALIZATION



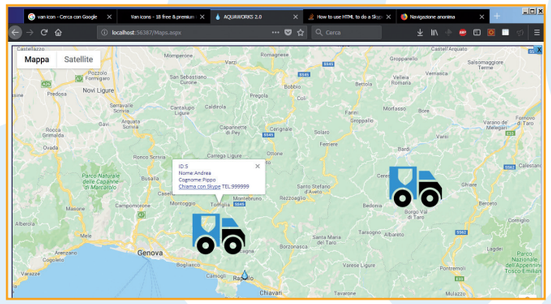


WATER HAMMER

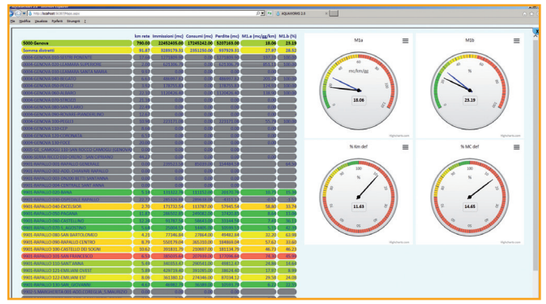
DYNAMIC ALARMS

WATER BALANCE

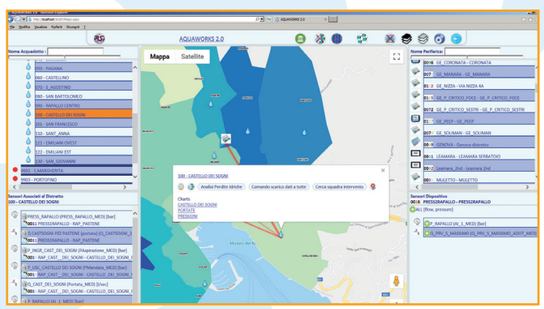
INTERACTION WITH INTERVENTION TEAMS



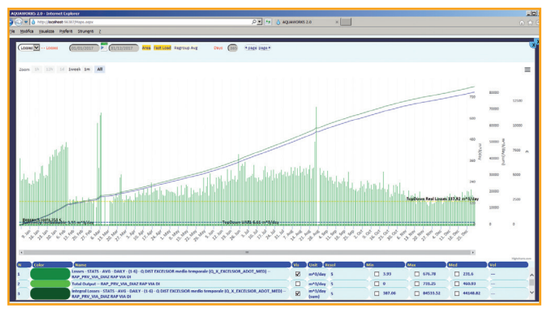
MACRO-INDICATORS



INSTRUMENTS-DISTRICT ASSOCIATION



LEAKAGE COST



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