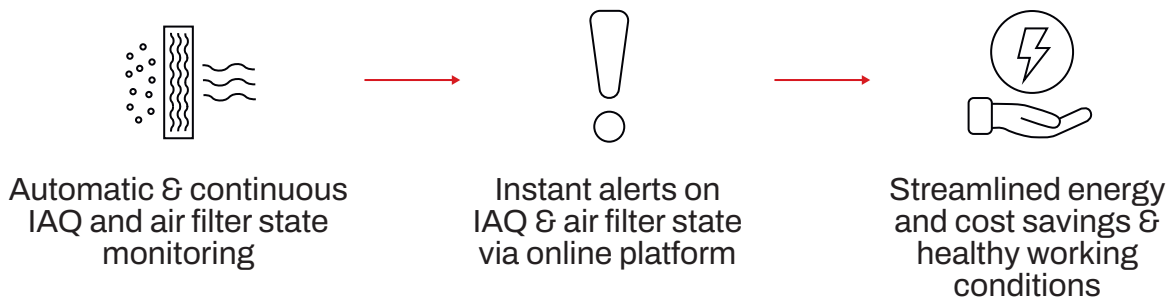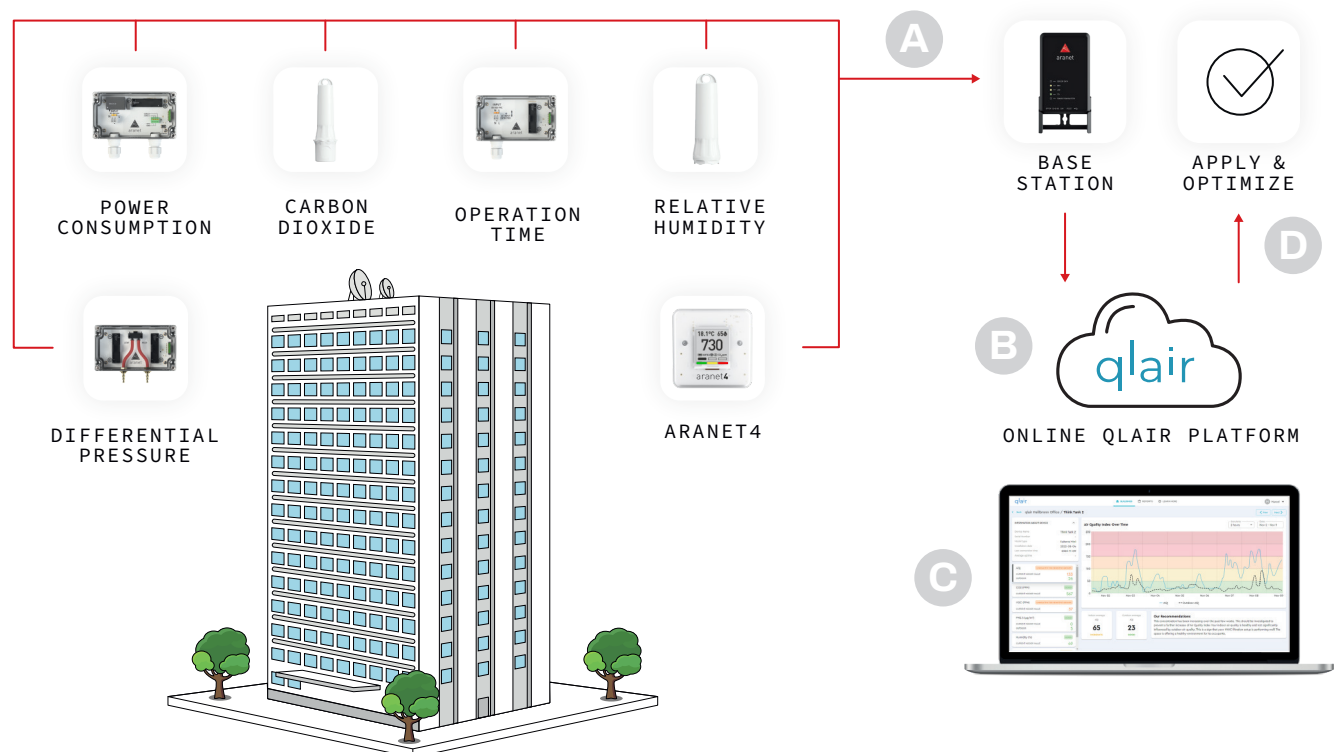aranet + qlair

An IAQ and HVAC filter optimization solution

Indoor Air Quality (IAQ) and energy efficiency of HVAC systems in buildings can be optimized at the same time. Get the most out of filter life cycle & maintain healthy ambient air quality. The combination of Aranet and Qlair technology enables:

Automatic & continuous IAQ and air filter state monitoring

Instant alerts on IAQ & air filter state via online platform

Streamlined energy and cost savings & healthy working conditions

Measure, get insights, optimize

Aranet wireless sensor fleet collects the IAQ critical measurements and the data relevant to the filter performance into an Aranet base station. The data is accessed and visualized in online Qlair web portal with options to setup dashboards, alerts, and reports over specific time periods.

POWER CONSUMPTION

CARBON DIOXIDE

OPERATION TIME

RELATIVE HUMIDITY

DIFFERENTIAL PRESSURE

ARANET4

A BASE STATION

B ONLINE QLAIR PLATFORM

C

D APPLY & OPTIMIZE

The wireless sensor system with online platform helps you optimize the energy consumption, IAQ, and air filter replacement frequency in a following way:

A. Data measured by Aranet wireless sensor network is collected in Aranet base station.
B. The data is accessed from an online Qlair platform regardless of location.
C. Data consolidated in dashboards is used to analyze the IAQ and air filter performance.
D. Recommendations to improve IAQ and filter replacement alerts help optimize air quality, total cost of ownership, and filter management.

Aranet + Qlair success examples

SCAN TO READ MORE

SCAN TO READ MORE

15 % cost savings of an US healthcare operator with 1400 facilities on filter lifecycle management with positive ROI after 9 months

20 %, or 1500 kWh energy cost savings of Swiss Mobiliar Arena in Bern with 2500 seats on clean air management solution operating costs of on-demand ventilation