



The 24/7 data of all 3 monitors is realtime online combined on 1 platform. For several parameters alarmtriggers are set: not only for the dust and gasses, but also for the internal temperature of the monitor, sensorlife, etc. This self diagnostic feature is key for maximizing the uptime and garanted quality of data.

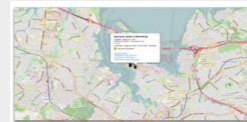


Project : Monitoring air quality on Aruba
Period : Since 2019

WEB Aruba NV is supplier for water and power on the island of Aruba. WEB Aruba produces electrical energy by steam driven turbine generators. The steam is produced by boilers that burn heavy fuel oil. To meet the growing demand for power, increase efficiency and lower the impact on the environment, WEB Aruba introduced Reciprocating Internal Combustion Engines in 2006. With this technology WEB has increased its reliability and efficiency by approximately 30%.

Container terminal ASTEC NV is located next to WEB Aruba. In 2019 employees of ASTEC started complaining about health problems, probably caused by the exhaust of turbines and engines of WEB Aruba. Jantril Monitoring was asked to start 24/7 air quality monitoring. Initially 2 identical air quality monitors were installed: 1 monitor at the West border of WEB Aruba, 1 at the South-East border of Astec, both controlled by WEB Aruba.

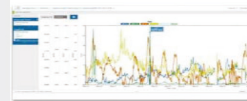
The data was shared with Astec. To dubbel check the data, a third air quality monitor (identical to the first 2 monitors) was installed, next to the monitor on the Astec location.



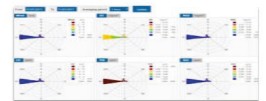
Set up your FTP, SMS/email alerts, calibration and service for single instruments or networks.



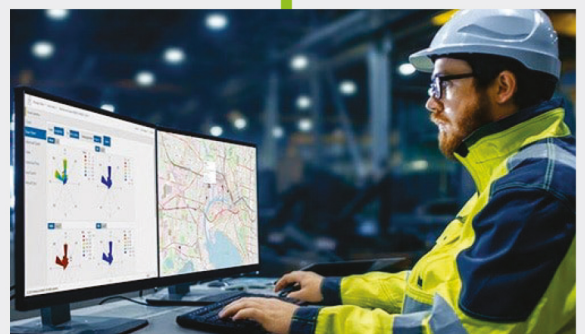
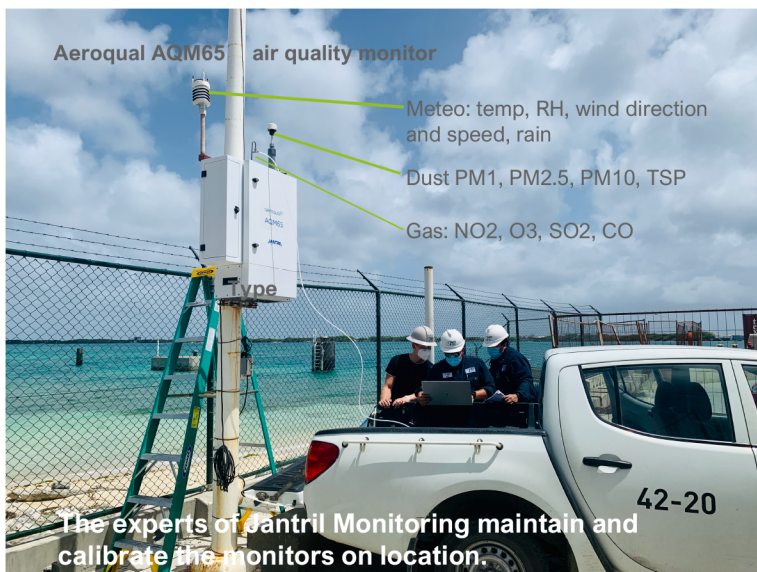
Plot and download data in real-time or historical sets by user selectable averaging periods.



Advanced charts features network view and lets you combine data sets and annotate for reports.



Use the wind and pollution rose charts in Aeroqual Plus to present professional reports.



Result

Thanks to the 24/7 air quality monitoring WEB Aruba is able to respond and act immediatly on increasing levels of dust and gasses and prevent complaints and health issues of neighbours.

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