SARA

SARA

MONITOR AND ANALYZE
THE ENVIRONMENT

Architecture
Web/ Multi airport/
Multi language

Compatibility
More popular sounds levels meters

Environment pollution
CO, NOx, BTX, PM10 and others

Audio and video
IP colors camera

Connection
LAN, Wi-Fi, ADSL,
GPRS, GSM, 3G/4G

MONITORING STATION

ENVIRONMENTAL MONITORING STATION

Air pollution measurement

Server web for remote control and monitoring

Air conditioning system

NOISE MONITORING STATION

Fixed or mobile

Solar panels

Backup battery

Alarms

Multipara metric weather monitoring station

RELATED PRODUCTS

SOFTECH THOR

A high-performance class 1 sound level meter for unattended noise monitoring in airports. .Complaint to ISO20906, IEC 61672-1, IEC 6167-2

SARA ADS-B

Receiver for the continuous evaluation of data on the position of aircrafts, in flight and on the ground. Interfaced with third-party applications such as Google Earth

MONITOR AND ANALYZE
THE ENVIRONMENT

Scalable, modular and with an intuitive graphical interface, SARA is the suite of products for environmental monitoring and analysis/ SARA's suite is the set of products for the environmental monitoring and analysis in the airport and urban areas. SARA collects noise and air quality data from monitoring control units, correlates with radar tracks in the airport and reports results according to current regulations.

SARA ALSO FEATURES

- Security user profiles customizable
- Analysis of acoustic and environmental time histories
- Wide set of detailed and custom reports
- Web viewer

SARA IN THE AIRPORT

- Identification of noise events by duration, sound pressure and/or frequencies map to remove ambient disturbance and background noise.
- Correlation between noise events and air pollution trends with aeronautical activities.
- Modeling of noise contours of ground footprint using INM/AEDT models.
- Radar tracks analysis (flight profiles, noise abatement procedures, CCO/CDO procedures)
- Managing of complaints

SARA IN THE URBAN AREAS

- Identification of the maximum noise levels
- Calculation of specific indices of urban traffic in the different daily time slots
- Noise mapping of streets path
- Security users profile customizable
- Managing of complaints

SARA

SOFTECH
MEASURE UP.

SOFTECH offers qualified technical support to customers (eco-noise office) to process data, produce technical reports and periodic system status reports.

SOFTECH provides training and regular software updates, as well as scheduled prevention maintenance and on-site fault management to ensure continuity of service.

SOFTECH

Measure up.

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