SCS-EUROACOUSTIC

Citynoise

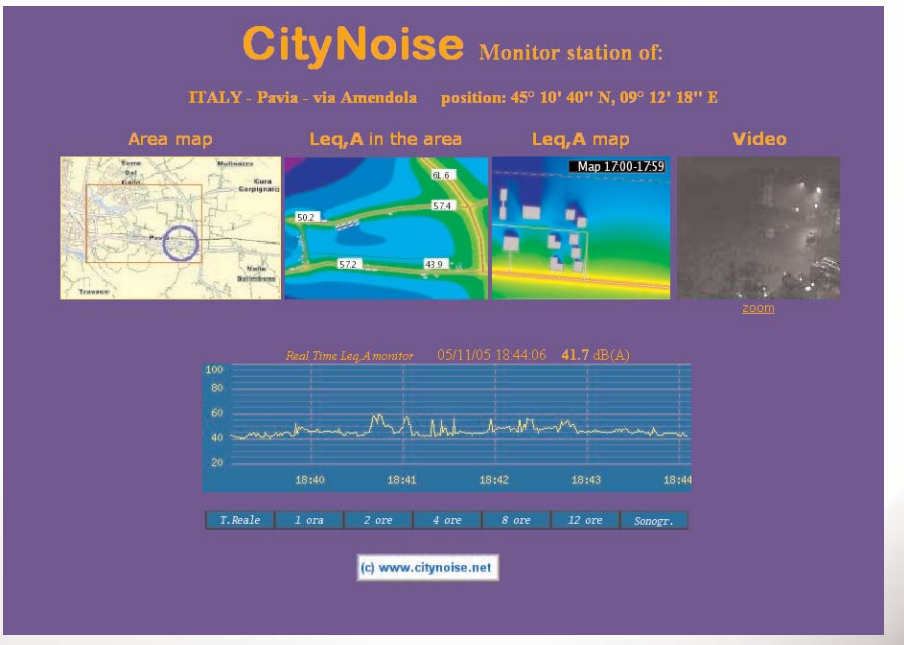
WEB based Noise Monitoring Software

A STATE OF ART SYSTEM FOR SEVERAL APPLICATIONS

SCS 9003 station unit:
No operator intervention
Remote control: LAN, WEB
Client/Server architecture
200 hours Batteries
Class 1 IEC precision

Citynoise.net WEB pages:
Noise data display
Measurement setup
Noise mapping
Noise information
Noise levels control
Audio & Video surveillance
Noise prediction
Noise Control decision
Data analysis
Statistic calculation

Citynoise represent a new way to perform Noise Monitoring in an urban area using Internet for almost everything concerned. The web act as a data transmission, data storage, data analysis, display, etc. In other words you can use Citynoise wherever you are in the world without any concern about where Monitoring station are located.
You can seat in your office in London, or attending a conference in Tokyo, and still you can work on your Noise Monitoring network with SCS 9003 units located in Italy, in Australia, or in China.
You can display data on the web, analyse and report on web pages, even change measurment setup or check for calibration, everything fro everywhere.



Citynoise main features:
Compatible with many Operating systems;
i.e. Windows, Mac, Linux, Unix
WEB data storage and handling using MySQL
Operation with any kind of browser
Raw Data can be retrieved through ftpor accessed using standard application software (Excel, Access, Open office, etc.)
Unlimited number of measuring points
Basic Noise data: LeqA, Ln, 1/n octave bands
IEC Class 1 precision characteristics

What do you need to operate Citynoise.net:
Internet access: ADSL, GPRS, 3G, WiFi, Modem, ...
Some kind of WEB browser
A subscription to the service

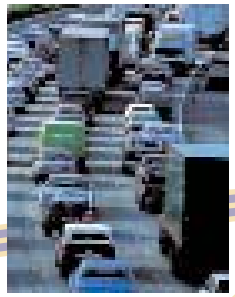
www.scs-controlsys.com

S.C.S. euroAcoustic

Environmental Noise Monitoring

Citynoise

Noise Monitoring
WEB data services



WEB SERVER

The World Wide Web "highways"

NOISE DATA

NOISE DATA

System general options:

Audio recorder
Developed to allow sources recognition by recording noise events exiding a selected level for a selected minimum. The controller unit continuously monitors the noise level; it computes the true rms value and compares the value with a selected (calibrated) trigger level. The recording starts whenever the level exceeds the trigger for a minimum time (user selectable) and it stops when the level goes below a user selectable dB value from the trigger level.

Disk data storage
Depending on the memory installed in the acquisition unit and on the acquisition period, it is possible to install an additional disk storage unit to store up to 40 Gb of data.

Communication
The acquisition process and all other functionalities can be remote controlled through standard connections using: ADSL, ISDN, GSM, GPRS or modem.
Depending on the instruments installed, it will be possible to control the acquisition, starting a calibration, changing the acquisition parameters, transfering data, etc.

Supplementary data acquisition
In parallel with the noise monitoring it is possible to acquire data from meteo stations as well as traffic info or any other parameter of interest.

SCS 9003 elements:
Noise acquisition unit
Microphone system
Power supply unit
Outdoor cabinet
WEB data transfer unit:
Input: RS232, USB, FireWire, Blutooth
Output through: ADSL, GSM, GPRS, WiFi (where available)
Data download Software
WEB Browser

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SCS-Euroacoustic is a partner of 01dB-Metravib for System integration and Consulting services. Headquarter is in Italy with Local subsidiary in China - Gwandjou

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