



SCS 9003 station unit:

- No operator needed
- Control: WEB
- Client/Server architecture
- Mains or 200 hours batteries
- Type 1 IEC precision

Citynoise represents a new way to perform Noise Monitoring in urban areas using Internet for almost everything concerned. The web act as a data transmission channel, data storage system, data analysis software, data browser, 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, by using a standard PC, or even using your Smartphone.

You can display data on the web, analyse and report on web pages, change measurement setup or check for calibration, everything from everywhere.

Citynoise main features:

Client operation with any kind of browser, under any operating system: Windows, Mac, Linux, Unix, Windows mobile, Symbian.

WEB data storage and handling, using MySQL.

All data are available in realtime on protected web page.

The system is capable to automatically generate daily reports, as well as texting or mailing at user definable settings.

Optional noise prediction software interface module, for automated dynamic map generation

Optional camera for video surveillance

Basic Noise data: LAeq, Ln, 1/3 octave bands.

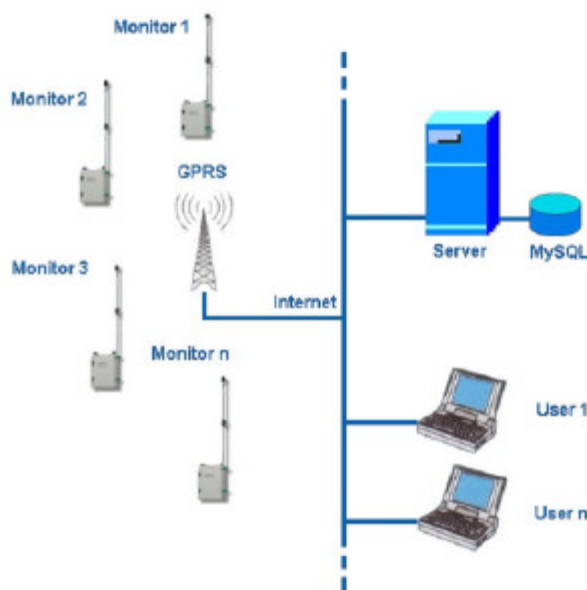
IEC Class 1 precision characteristics.

WEB based Noise Monitoring System

STATE OF ART SYSTEM FOR SEVERAL APPLICATIONS

Applications:

- 2002/49/CE
- Realtime information to Citizens
- Generic Noise Monitoring
- Transport Noise Monitoring
- Building Site Monitoring
- Race track Monitoring
- Special Event like Concerts, Races, etc



To start:

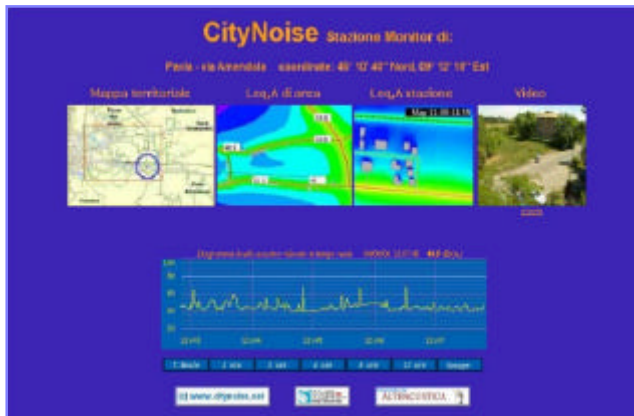
One or more Citynoise monitoring station

Internet connection to browse and download data

Any kind of WEB browser

A subscription to the service

See the system working on www.citynoise.net



Web page with automated noise map publication + camera

Off-line software general capability

Display of acquired data

Spectra display (for each spectrum)
Time histories display (for each band)
Spectrogram display

Display of computed data

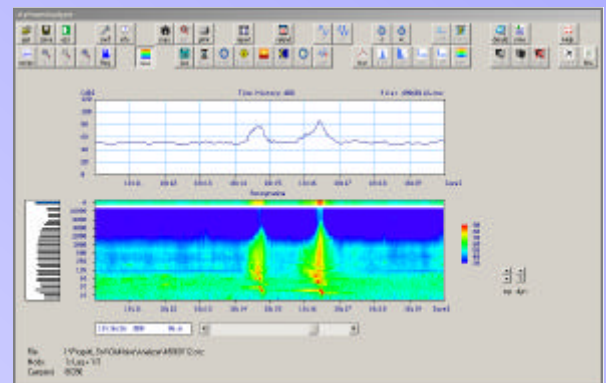
Spectra display of hourly, day, evening, night, user Leq
Hourly distributive and cumulative curve for each band
Hourly Ln vs frequency curves
Day Ln vs time for each frequency curves
Percentilogram (Ln vs time vs freq)

Advanced functions

Data masking
Event recognition
Data import/export
Automatic report generation



Bell + train passage



Citynoise Analyzer: The off-line analysing software

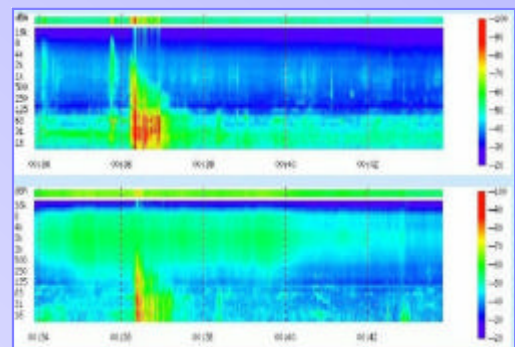
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Thunderstorm on two stations (6km)