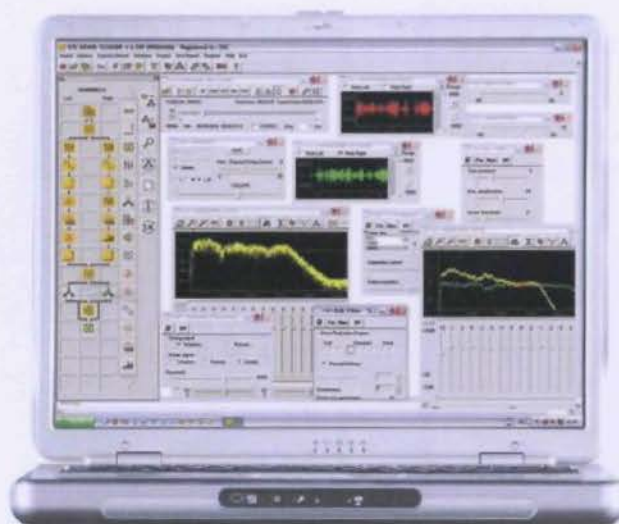## Professional real-time noise suppression

and speech enhancement software

Sound Cleaner

Application

Audio Engineers and Audio Restoration, Forensic labs and other Law Enforcement Agencies:

➡ Noise suppression and speech enhancement in low quality recordings
➡ Text decoding (transcription) of noisy recordings
➡ Audio pre-processing for identification
➡ Noise suppression while getting field data
➡ Noise filtering

Features

➡ Sound input from line output and microphones or from sound files and processing
➡ Saving results in *.wav format
➡ Real-time noise suppression, changing filtering settings without playback stop
➡ Automatic report on sound processing for expert's conclusion
➡ Preset filtering schemes for typical noises
➡ Saving filters parameters for further usage
➡ DirectX support

Highlights

➡ Efficient suppression of all types of noises and distortions
➡ Adaptive algorithms of filtering
➡ Easy to use
➡ Filers can be combined to process the noisy record simultaneously
➡ Low quality records processing for further instrumental ID analysis: "weak" formants enhancement

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Technical characteristics

Sound Cleaner can be supplied as a separate product or as a part of IKAR-Lab.

- Sound Cleaner contains 19 different modules of speech processing and enhancement:

    - 2 adaptive filters of broadband noises
    - Parametric equalizer
    - Harmonic filter
    - Adaptive inverse filter
    - Amplifier
    - Adaptive filter for tonal noises
    - Impulse noises filter
    - Dynamic filter (weak signal amplifying/weakening, strong signal weakening)
    - Anti-reverberation filter
    - Stereo signal filtering by reference channel
    - Others

- Practical recommendations for noise suppression and text decoding.

You can test Sound Cleaner at STC web-site:
http://www.speechpro.com/eng/products/noise-cancellation-sys/sound-cleaner/

Award of International forum
"Security and Safety Technologies"

The first prize in audio enhancement contest
organized by AES (Audio Engineering Society)