



IKAR Lab 3

New generation

of forensic audio analysis software and hardware suite

New features and advantages

Processing of large volumes of audio recordings

Automatic speech recognition with word-by-word segmentation (available for Russian, English, Spanish, Kazakh, and Arabic)

Quick access to audio tracks of video recordings

Video player with editable audio track and video synchronisation — eliminates the need for external editors

New, fast, and precise methods for sound cleaning

Transparent 3D spectrograms that identify and describe the characteristics of noises and interference

Reliable audio recording authenticity verification and examination admissibility assessment methods

Detection of A/μ/mp3 encoding, abrupt changes of DC offset within the signal, voice conversion, and voice synthesis

Reliable high-speed identification of persons, groups, and lines spoken by each

Automatic segmentation of lines spoken by up to 5 speakers, automatic voice identification from 1.5 sec

450+
implementations

75
countries

30 years
on the market

Features and components of IKAR Lab 3* meet the world-class requirements of leading forensic experts: they provide for a highly reliable evidence base and automate the process as much as possible, speeding up the work and simplifying the process. This enables specialists to focus on decision making and promptly provide their expert assessment.

*STC-H246 Audio hardware included

All operations are contained within a single work environment and controlled through a single, user-friendly interface

Automatic analysis of characteristics, visualisation, editing, comparison, and processing of audio recordings

Autonomous playback mode and transcript mode available in the unified interface

Use a handy digital player simultaneously with the versatile MS Word text editor for various languages

Efficient workflow organisation

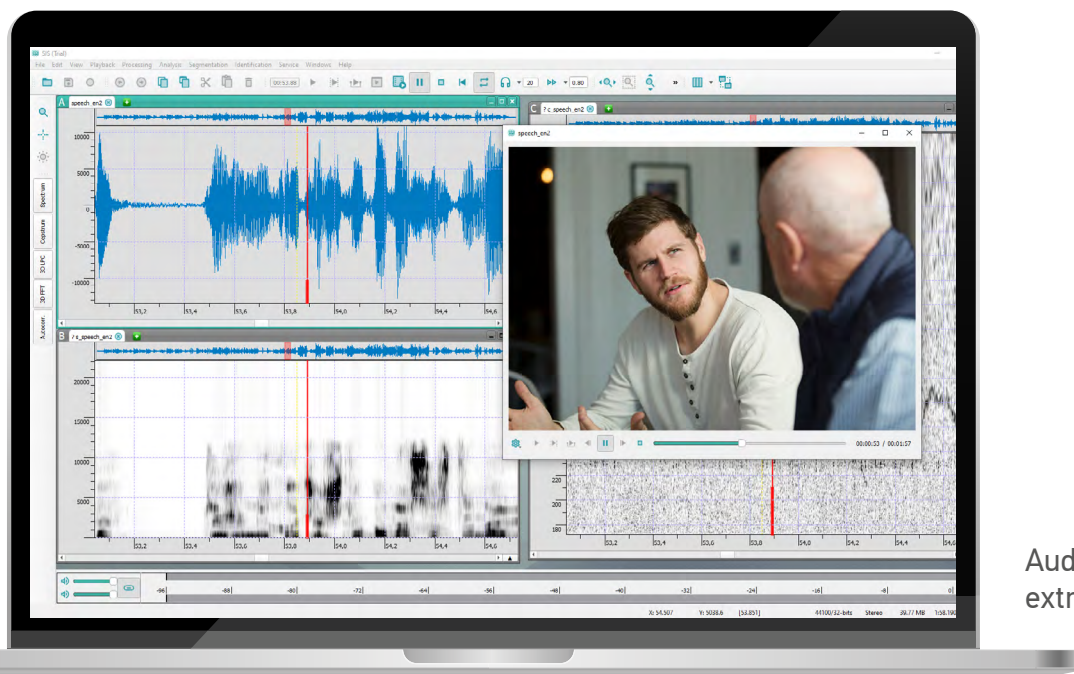
Managing projects and generating reports

Reliable detection of authenticity disruptions enabled by a wide range of methods

Digital preprocessing traces detection, probing of auditory and linguistic characteristics, analysis of stationary frequencies phase values and background noise dynamics, readouts of sound recording device parameters

Rapid preparation of materials requiring sound cleaning or restoration

Up-to-date processing and filtering algorithms allowing to identify word-for-word contents of conversations recorded in adverse acoustic environments and listen to processing results on the fly



Audio track from the video extracted and analysed

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