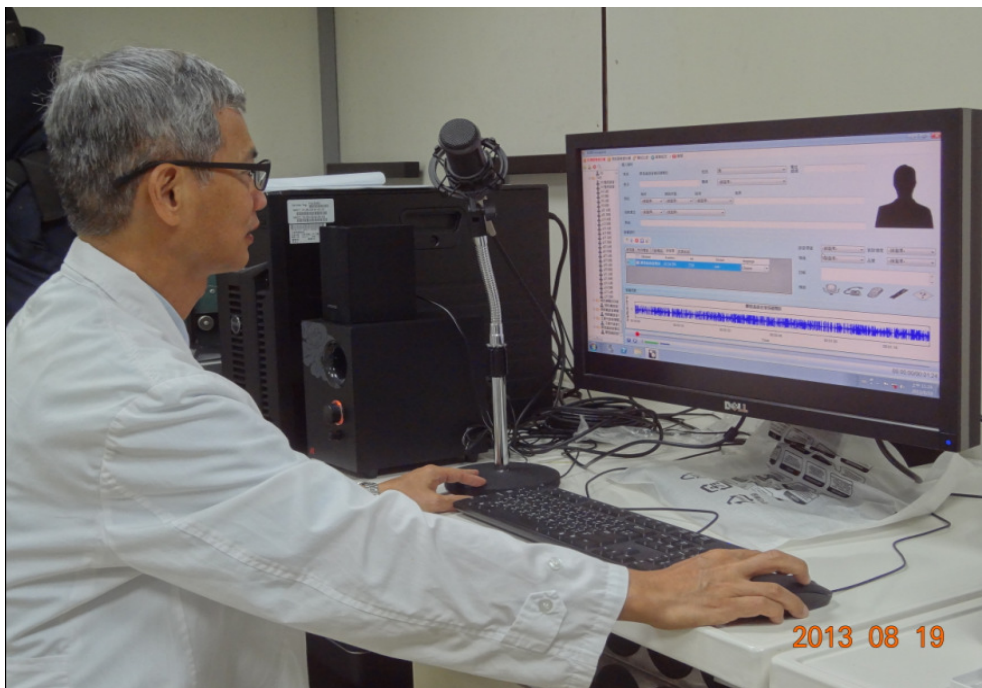


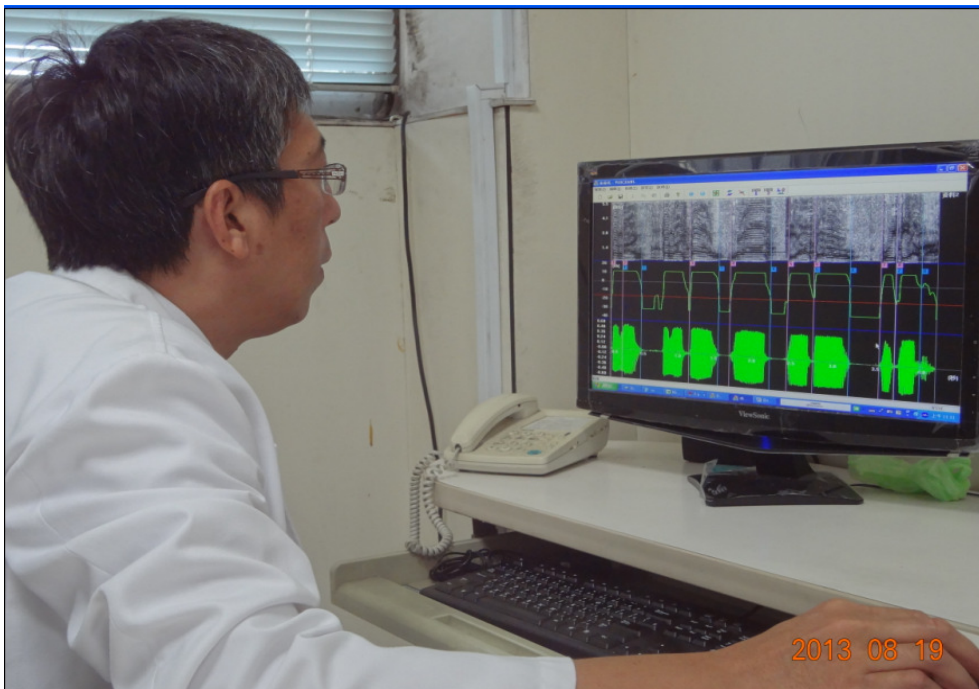
◆ **Voice identification:**

According to the principle of acoustics and acoustic fingerprinting and characteristic reproducibility of peoples' pronunciation, voice can be **taken as** scientific evidences for distinguishing the identity.

The recorded evidences may be retained in the process of illegal cases such as kidnapping and blackmail, corruption and malpractice, deception, interference with marriage and the family, slander, election through bribery, drugs trade, etc. These samples may be analyzed and compared by facilities with Spectrogram Software to determine the speaker's identity. In addition, the noise signal of recorded evidences may be reduced and the speaker's voice may be enhanced by the software to **make** the talking content **more recognizable**. It can offer the clues to discover the details of the criminal case, and it may also be considered as judicial evidences for the court.

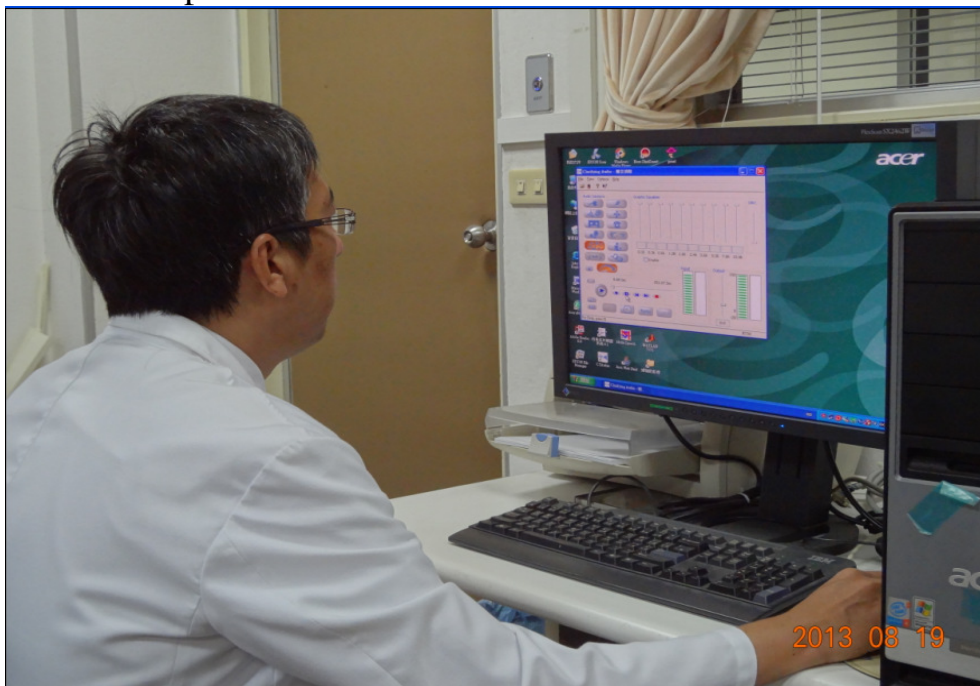


Instrument: Voiceprint recognition screen system, Delta electronics Inc.  
Application : Speaker verification screen



Instrument: Voiceprint recognition system, MJIB

Application : Comparison of normalized spectrograms for further speaker verification



Instrument : Noise reduction software

Application : Eliminating unwanted noise within a sound, such as a background hiss, a power hum, or random interference