



nemesysco

# DBSS, India Brings Layered Voice Analysis (LVA™) from Nemesysco, Israel in India

**D**B Secure Solution Private Limited (DBSS) India has recently entered into a distribution partnership with Nemesysco, Israel for the distribution and promotion of Layered Voice Analysis (LVA™) in Indian civilian and corporate markets.

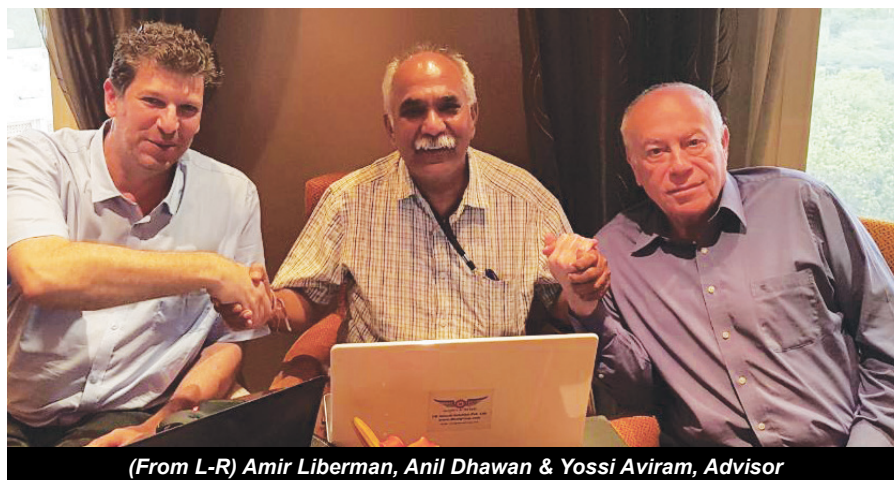
Nemesysco, Israel is one the leading companies in voice analysis technologies worldwide. It is a privately held company founded in 2000 and is headquartered in Israel, with service centers and network of partners around the globe. Nemesysco's solution which is powered by Amir Liberman's 'Layered Voice Analysis' (LVA™) patented technology addresses different needs of the security, corporate and financial markets, enabling organizations to enhance crime detection and prevention; expedite investigations; identify and fight fraud more effectively; improve veracity assessment during recruitment processes and provide better services to the public in need.

Amir Liberman, CEO and Founder of Nemesysco mentioned that his team is highly dedicated towards the development of advanced and non-invasive investigation and security tools, fraud prevention solutions, CRM applications, consumer products and psychological diagnostic tools – all based on Layered Voice Analysis (LVA), their proprietary and patent protected voice analysis technology. He felt happy and expressed strong confidence in DBSS and their team, and their ability and reach into the Indian sub-continent special market needs.

Anil Dhawan, Managing Director,

DBSS was equally happy and excited about their teaming up with Nemesysco. He expressed satisfaction and high

proprietary set of vocal parameters found through research to correlate with key human emotions, and in various combi-



(From L-R) Amir Liberman, Anil Dhawan & Yossi Aviram, Advisor

confidence in the product suitability especially in view of the recent complex threats frequently observed these days. He said, "Nemesysco's Layered Voice Analysis is a completely new and proprietary technology and has no relation to any old voice analysis technologies, nor does it use any previously known method for detecting voice stress. LVA does not perform micro-tremors (8-14 Hz) analysis in the voice, and can be used over telephone lines and with standard commercially available microphones."

Amir also explained the product and said, "Nemesysco's technology was originally invented in 1997 by me, and is being developed ever since in consultation with experts from different relevant fields such as psychology, criminology, phonetics, psychiatry, mathematics and others."

The technology is based on a pro-

nations to be able to identify deceptive intentions in real life scenarios. These vocal parameters were identified from a bank of audio files taken in different languages and a numerous settings including police interrogations, call centers and controlled experiments.

Many of the parameters Nemesysco's technology uses are new to the world of phonetics, and focus on the uncontrolled and yet phonetically unexplained properties of the human voice.

Layered Voice Analysis (LVA™) is adapted to meet the needs of various professional users, ranging from formal police investigations to security clearances, from vetting and recruitment needs to personality tests, and from call center's quality monitoring to intelligence gathering and lawful interception multi-channel analysis.

In its security uses, LVA technology enables better understanding of the subject's mental state and emotional reaction at a given moment by detecting the hidden emotional cues in his or her speech. The technology identifies various types of stress levels, cognitive processes, and emotional reactions that are reflected in different subtle properties of the voice. This information provides insights into the way your subject thinks, what troubles him, what excites him, what portions of his speech he is uncertain about, what questions require more of his attention, and what areas appear to be sensitive issues for the speaker.

LVA uses a unique mathematical process to detect different types of patterns and anomalies in the speech flow and classify them in terms of stress, excitement, confusion and other relevant emotional states, found through our 19 years of research to be highly correlated with these emotions.”

On comparison with Lie Detector he said, “Professionals in the field of lie detection know that there is no such thing as a real lie detector; since lying is not a unified reaction that is consistent at all times. Even the polygraph, the most known Lie detector, can only function properly in its predefined settings and in the relevant context. Simply connecting a polygraph

to a person watching a video or performing any physical activity will render of course meaningless results.

Lying is a result of a deep logical process that is executed with a particular and significant intention. One might lie to protect himself from harm, while another might lie to gain profit, or even just to make a joke. Due to this variety in motivations and intentions, there is no fixed set of characteristics (physiological or psychological) that differentiate ‘lies’ from ‘truth.’ However, LVA can detect and sharp change in the associated emotional reactions (a jump out of homeostasis) and assist you, the professional user, to expose the risk and uncover the truth.” ■



# AIL Appointed as the Official Training Partner of NSDC

Aditya Infotech Limited (AIL) has recently been appointed as the official training partner for National Skill Development Corporation (NSDC). In its first, AIL conducted an RPL certification test to certify CCTV technicians and supervisors.

“This is our first engagement with NSDC on an educational level, and the

RPL certification test was our first roll-out. This test was designed to evaluate technicians and supervisors on their knowledge of CCTV systems, and has been taken by industry aspirants. This certification shall save security industry employers multiple levels of scanning to find the right candidate,” commented Yogesh B. Dutta, COO, CP PLUS.



“The test, which was the first of its kind, was conducted on 30th March, 2017 at the Aditya Headquarters at A-5, Sector 12, Noida. The test involved a nominal registration amount of INR 1,500 and was open to all industry aspirants, including technicians and supervisors. Backed by NSDC, the purpose of the certification is to test a technician's knowledge on CCTV systems, and render them sound for executing CCTV projects, including government and corporate projects.”

– **Yogesh B. Dutta**  
COO, CP PLUS

Test for RPL Certificate		
Date	Time	Venue
30-03-2017	2:30 PM Onwards	Aditya Infotech Ltd. A-5, Sector-4, NOIDA - 201301

Despite being a new introduction, the test saw an impressive number of takers, making the effort a success. AIL and NSDC plan to conduct more such tests in the near future. ■