



## CONTACT US

### Truth & Deception Technologies, LLC

1101 Mirana Ln, Ste 131  
Kissimmee, FL 34741  
United States

#### TOLL FREE

**1-888-478-0625**

#### EMAIL

[sales@tdtvs.com](mailto:sales@tdtvs.com)

#### WEBSITE

[www.tdtvs.com](http://www.tdtvs.com)

# DecepTech™ VSA

Advanced Voice Stress Analysis  
for Law Enforcement

REAL-TIME

AI ASSISTED

OFFLINE

## WHAT'S NEW

# Intelligent Automation

DecepTech™ VSA version 1.4.3 introduces AI-assisted capabilities that reduce examiner workload and expand the software's reach — all while keeping analysis fully offline and on the examiner's own machine.

- **AI Auto Annotation**  
Offline speech recognition powered by the Vosk engine automatically places word-level annotations over each spoken word. Any sample rate, mono or stereo.
- **Speaker Diarization**  
Each annotation is automatically labeled [E] Examiner or [S] Subject — eliminating manual speaker tagging in two-party interviews.
- **Multi-Language Support**  
Dedicated English (GigaSpeech) and Spanish editions, with automatic language-aware model selection.
- **Narrative Analysis Mode**  
A dedicated mode for long narrative recordings disables speaker identification for monologue interviews and statement analysis.

[tdtvs.com](http://tdtvs.com)

## ABOUT DECEPTECH

# The evolution of voice stress analysis

Truth & Deception Technologies, LLC developed DecepTech™ VSA to identify deception in law enforcement investigations. The software has since found applications across counter-narcotics, arson, insurance fraud, anti-terrorism, and employment screening.

DecepTech represents the first significant advance in voice stress analysis since the Psychological Stress Evaluator (PSE). It was built from the ground up as a fully computerized digital system — giving examiners a sophisticated set of analytical tools that legacy analog and hybrid systems cannot match.

Operational DecepTech systems have been delivered to law enforcement agencies across the United States and in a host of foreign nations. TDT is an approved General Services Administration (GSA) contractor for sale of software and training to federal, state, and local agencies.

**30+**

Years in VSA

**2**

Languages

**1.4.3**

Current version

## THE SCIENCE

# Micro-tremor of the Lippold

DecepTech detects, processes, and displays changes in the physiological micro-tremor of the Lippold — an 8-12 Hz oscillation in the reflex mechanism that controls the length and tension of laryngeal muscles. This micro-tremor reflects the level of stress being experienced by an individual and is observable in components of their speech.

### 100% Non-Invasive

No physical contact between equipment and subject. Unlike polygraph, which connects subjects to three or four separate sensors, DecepTech requires only a microphone — creating a relaxed environment where subjects communicate freely.

## SYSTEM COMPONENTS

### Trained Examiner

Certified through 80-hour training + mentoring

### Instrumentation

DecepTech software, audio recorder, processor

### Interview Protocols

Validated techniques and test structures

## APPLICATIONS

# Where DecepTech delivers results

DecepTech works in real time with a standard microphone, or analyzes recorded speech from inexpensive off-the-shelf digital recorders, telephone, television, and radio broadcasts.

- Criminal Justice
- Counter-Narcotics
- Anti-Terrorism
- Corporate Security
- Background Checks
- Government Security
- Forensic Investigation
- Insurance Fraud
- Airport Security
- Arson Investigation
- Private Investigation
- Pre-Employment\*

*\*Government, law enforcement, and international clients only.*

## CERTIFICATION

### Two-week basic certification course

80-hour curriculum covers operation, protocols, practice exams, and reading examinations. Optional one-week advanced course available. Lifetime mentoring included for certified examiners.

## Request a demonstration

[tdtvs.com/contact.htm](http://tdtvs.com/contact.htm)