

CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Purchase of New Digital Notebook Computerized Voice Stress Analyzer for the Police Department

DATE: December 1, 1999

PREPARED BY: LARRY D. HANSEN, CHIEF OF POLICE

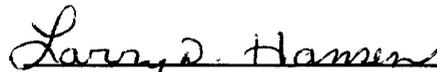
RECOMMENDED ACTION: That the City Council authorize the purchase of a new digital Toshiba Notebook CVSA computer from National Institute for Truth Verification (NITV) in the amount of \$6,000.

BACKGROUND INFORMATION: N.I.T.V. is offering a trade-in allowance of \$3,700 for our present analog CVSA instrument which has become outdated and will be difficult to repair in the future. Our current instrument was purchased in May, 1995 at a cost of approximately \$7,100. The cost of the Toshiba is currently \$9,250; however, with the trade-in-allowance, will be approximately \$6,000, including tax and shipping.

The digital Toshiba CVSA computer has several advantages. It is laptop size and therefore about 1/6th the size and weight of the analog model. The Toshiba analyzes the charts for deception, removing some of the human subjectivity in "calling" charts. Chart paper is no longer needed, as this computer utilizes standard copy paper. CVSA formats for questions and narrative report formats are part of the software contained in the computer. Questions and charts can be retained on floppy disks if needed for storage or can be sent to NITV for further analysis by their experts. No additional training cost is needed for the transition.

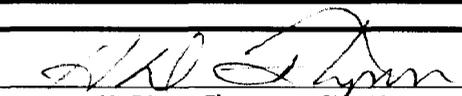
FUNDING: \$6,000 from the Asset Seizure Account.


Vicki M. Atch
Finance Director


Larry D. Hansen
Chief of Police

cc: City Attorney

APPROVED: _____


H. Dixon Flynn -- City Manager



NATIONAL INSTITUTE
FOR
TRUTH VERIFICATION

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West Palm Beach P.D.
West Palm Beach, FL

Director of Int'l Operations

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Coming, NY

Instructors

Senior Instructor

Dr. Patrick Flood (Ret.)
Sacramento Co. S.D.
Sacramento, CA

D. Comm. Bob Martin (Ret.)
Lower Twp. P.D.
Lower Twp., NJ

Lt. Michael McQuillan
Prince George's Co. P.D.
Landover, MD

D Comm. Bill Engelman (Ret.)
Hamilton Co. Sheriff's Dept.
Cincinnati, OH

Chief William Endler (Ret.)
Syracuse P.D.
Syracuse, IN

Interviewing & Interrog.

D. Glen Foster, M.A.

CVSA Trade-Ins to End

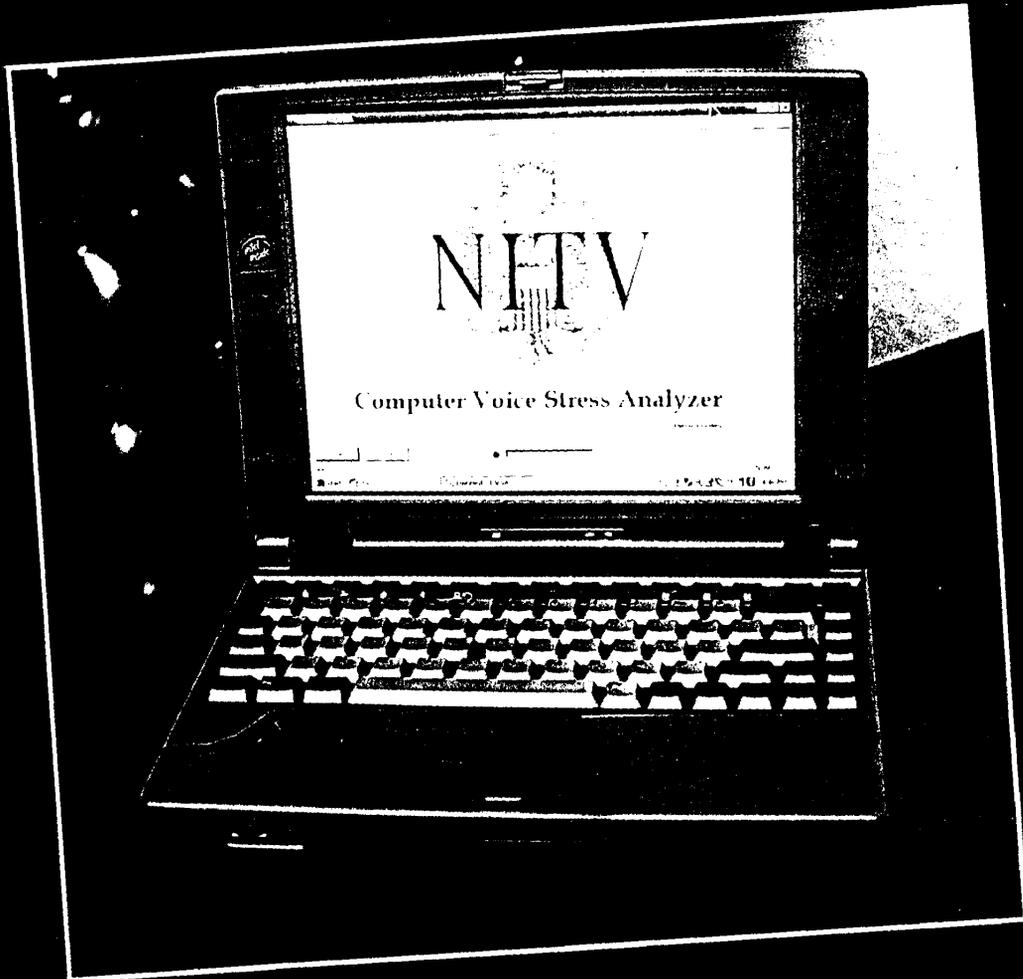
The offer made by the NITV for law enforcement agencies to trade-in their analog Computer Voice Stress Analyzers will end on Dec. 31, 1999. The older systems are rapidly approaching obsolescence and the NITV will soon be unable to repair these systems.

The analog CVSA's are still very functional and will be a viable investigative tool well into the next century, however, the NITV will no longer be able to offer any trade-in value for these units. Because we value every law enforcement agency as a client, the NITV is prepared to provide an extraordinary offer to those agencies that still have not acquired the digital model for a short period of time.

Any agency (except those that acquired the CVSA under special conditions) that trades-in their analog CVSA on the new digital Toshiba Notebook CVSA between Oct. 1, 1999 and Dec. 31, 1999 will receive a 40% discount off of the \$9,250.00 price of the system. This brings the price of the Toshiba Notebook Computer Voice Stress Analyzer to \$5,550.00 with the trade-in.

Please contact our office as soon as possible to make the necessary arrangements.

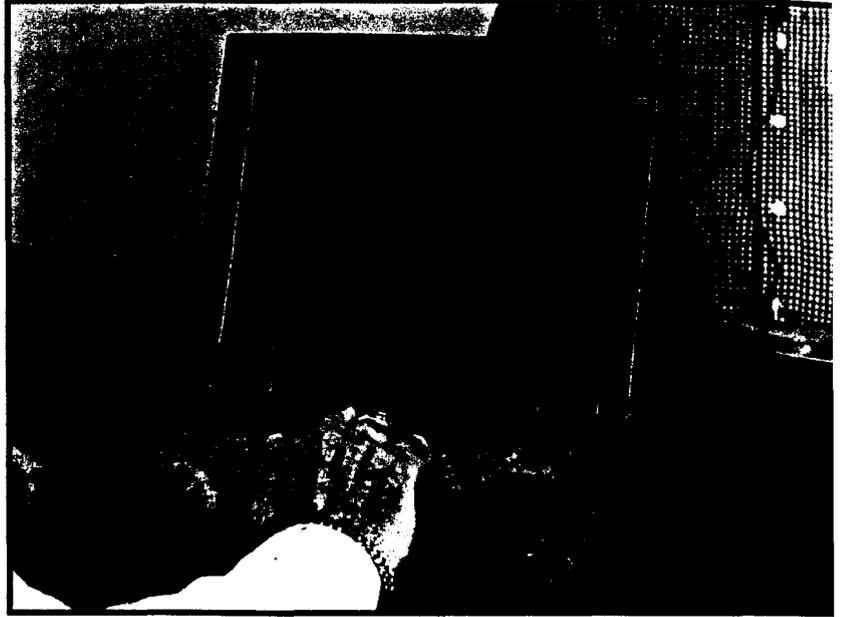
CVSA
COMPUTER VOICE STRESS ANALYZER



THE TRUTH VERIFICATION SYSTEM
THAT WORKS
FOR LAW ENFORCEMENT

CVSA™ OUTPERFORMS ANY OTHER METHOD

Introduced into the law enforcement community in 1988, the original analog CVSA became an instant success at every agency that purchased it, solving crimes that, in some cases, had languished for years (cold cases). In other cases, individuals that were either untestable or had been called "inconclusive" on the old polygraph agreed to take a CVSA exam and subsequently confessed to their crimes. With results like that, it wasn't long before word-of-mouth spread the CVSA's reputation like wild-fire in the law enforcement community. Today's CVSA has been digitized and incorporated into a powerful multi-functional notebook computer. The latest version of the CVSA enjoys the reputation of being the most effective investigative tool to be introduced into the law enforcement community within the past three decades. The CVSA has proven to be such a dangerous threat to undercover agents when in the wrong hands that the NITV restricts its sale to law enforcement.



When used in conjunction with the National Institute for Truth Verification's (NITV) interviewing and interrogation techniques, including its widely acclaimed Defense Barrier Removal™ (DBR™) technique to obtain confessions, the results are swift and dramatic. "Cold" cases are solved by analyzing old interview tapes. The CVSA gets to the truth and accurately identifies deception, or validates statements in the shortest possible time (average exam time is 40 mins.).

- Accuracy (98%)
- Speed (Average time is 40 mins.)
- Ease of operation
- Portability
- Saves Time
- NO INCONCLUSIVES
- Cost - effectiveness
(1/3 the cost of polygraph)

**"IF IT DOESN'T SAY "CVSA"™,
IT'S NOT *THE* VOICE STRESS ANALYZER
YOU'VE HEARD SO MUCH ABOUT."**

***Don't Be Fooled
By Gadgets And Imitators!***

**THE NITV IS THE MANUFACTURER AND
SOLE SOURCE FOR THE CVSA™**

HOW CVSA™ WORKS

Micro tremors are tiny frequency modulations in the human voice. When a test subject is not being truthful, the automatic, or involuntary nervous system, causes an inaudible increase in the Micro tremor's frequency. The CVSA detects, measures, quantifies, and displays these Micro tremors.

A state-of-the-art computer processes these voice frequencies and graphically displays the fluctuation of the voice patterns simultaneously with the subjects answers with up to fifteen patterns on the computer screen at one time, numerically scoring each pattern and checking for deception. The CVSA is not restricted to "yes" and "no" answers and is able to analyze accurately, tape recordings of unstructured conversations.



CVSA™ PERFECTS CRIME-FIGHTING TECHNOLOGY

Unlike the computer polygraph, the CVSA requires no wires be attached to the subject being tested. The CVSA uses only a microphone plugged into the computer to analyze the subject's responses. As the subject speaks, the computer displays each voice pattern, numbers it, and displays its numerical value on the computer screen. At the end of the examination, the computer renders its evaluation utilizing the NITV's patented Voice Stress Analysis Scoring Algorithm System™ to render a finding of Deception Indicated (DI) or No Deception Indicated (NDI) on each response to each question. This process removes any possibility of examiner error as well as providing a completely objective examination. This allows a trained examiner to either eliminate the subject as a suspect, or to begin an interrogation. Unlike the polygraph, drugs do not affect the results of the exam and there are no known countermeasures that will cause "inconclusive" results. The CVSA is effective in all investigative situations such as homicide, sex crimes, robbery, white collar, and internal affairs investigations, as well as pre-employment examinations for background investigators. The system has also proven itself a very reliable investigative tool for verifying statements of witnesses, denials of suspects, and for determining the validity of allegations made against police officers.

ENDORSED BY PROFESSIONALS

Here are just a few of the comments from ranking members of major metropolitan police departments that use the CVSA: "The CVSA is the best thing that has happened to police work", "The CVSA has proven itself to be more reliable than any polygraph exam", "one of the most impressive investigative tools we've acquired."

The CVSA works-FAST, RELIABLY, EASILY. It is light years ahead in establishing truth and successfully closing cases.



USE CVSA™ ANYWHERE

The CVSA is built into a rugged, multi-purpose, state-of-the-art notebook computer that can easily be carried anywhere and has fax capability for direct faxing of charts for "cold call" review by other examiners.

CERTIFIED EXAMINERS COURSE

The NITV conducts a widely acclaimed six-day intensive training course hosted by selected law enforcement agencies around the country for law enforcement personnel that will be utilizing the CVSA. With a maximum of 20 students allowed in a class, there is hands-on instruction. The specialized Defense Barrier Removal™ interviewing and interrogation technique developed by the NITV's founder, Dr. Charles Humble, and Kinesics (body language), developed by NITV instructor Glenn Foster, are also taught. These two techniques, when utilized in conjunction with the CVSA, have proven invaluable in obtaining confessions, as well as clearing suspects.

"I have been a Homicide Detective for 10 years, a polygraph examiner for the past 5 years and, after completing the Certified Examiners Course from the NITV on the Computer Voice Stress Analyzer, I have found the CVSA to be a very versatile and useful instrument in our fight against crime. A good interrogator combined with the CVSA is as good as money in the bank. The training course is very intense and not for the weak at heart or mind". - **Det. Dennis Logan, Pittsburgh Police Homicide Unit. (PA)**

"The course provided improved techniques in interviewing and interrogation. The Defense Barrier Removal (DBR) Technique developed by Dr. Humble is an invaluable tool that I had not been aware of prior to attending the CVSA class. I was impressed that there were no war stories." - **Det. Paula O'Neal, Raleigh Police Dept., (NC)**

"Out of the dozen or so schools that I have attended since joining law enforcement 21 years ago, the CVSA course was by far the most intense, demanding, and informative." - **Det. John T. Brown, Baltimore Police Dept., Homicide Unit (MD)**

"The training was very good and the CVSA is a very valuable tool for any law enforcement agency. The training was very helpful in reinforcing previously developed techniques in interviewing and interrogation. - **"Sgt. Ken Fenech, Cincinnati Police Dept. (OH)**

"The certified Examiners Course for the CVSA was intense and comprehensive. The instruction provides those trained with a valuable skill which enhances success rates." - **Lt. James Boteler, Metropolitan Police Dept., Homicide Unit, Washington, D.C.**

"In the 11 years that I have been in law enforcement, I have attended many training and certification courses. By far, the Certified Examiners Course was the most informative and useful. This course is an investigative necessity for any progressive law enforcement agency." - **Det. Ann Burke, Palm Beach Co. Sheriff's Dept., West Palm Beach (FL)**



The National Institute for Truth Verification, the manufacturer and sole source of the Computer Voice Stress Analyzer, has been offering training in voice stress analysis since 1980 and is recognized throughout the U.S. as the leader in the field of truth verification. All staff instructors at the NITV are either former law enforcement professionals with vast experience as voice stress and polygraph examiners, or have extensive experience in specific areas (Interviewing & Interrogation, Child Sexual Abuse, etc.)

In selecting agents to be trained, the prospective students should be the most accomplished interviewing/interrogators available within your organization. Although the CVSA can be utilized in any language, the complexities of the course require that all international students be fluent in English.

CVSA TRUTH VERIFICATION CERTIFIED EXAMINERS COURSE

Course Length: 6 Days Total Hours: 59

History of Lie Detection	1 Hrs.
From its early beginnings to the state of art today.	
Instrumentation	10 Hrs.
The student learns this highly developed, user-friendly system to conduct perfect examinations.	
Physiology	3 Hrs.
A fairly in-depth view of the body's reaction to jeopardy. What the human body does to compensate for its inability to either "fight" or "flight" and our ability to monitor those reactions.	
Interviewing and Interrogation	15 Hrs.
Beginning with Kinesics and ending with admissions we study an art that is one of the most productive aspects of our profession. Videotaped (known conclusion) exams are utilized as training aids.	
Psychology	4 Hrs.
An overview of topics from the interaction of the physiological response to the psychological stimuli, to the psychological aspects of question formulation and their bearing on the extent of the subject's reaction.	
Chart Interpretation	16 Hrs.
Learning the criteria for an indication of deception is not necessarily one of the easiest aspects of truth verification but, certainly one of the most critical.	
Test Construction and Question Formulation	6 Hrs.
From Zone of Comparison tests to control questions, the student learns test applications and construction.	
Covert Interviewing and Analysis	4 Hrs.
One of the most useful functions of the CVSA™, either by tape recorder or over the telephone	



3500 Fairlane Farms Road #5
West Palm Beach, FL 33414
Phone: (561) 798-6280 • Fax: (561) 798-1594
Web Site: <http://members.aol.com/NITV1/CVSA.html> • E-Mail: nitv1@aol.com

RESOLUTION NO. 99-192

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING
THE PURCHASE OF NEW DIGITAL NOTEBOOK
COMPUTERIZED VOICE STRESS ANALYZER (CVSA) FOR THE
POLICE DEPARTMENT

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WHEREAS, Lodi Municipal Code, §3.20.070, authorizes dispensing with bids for purchases of supplies, services or equipment when it is in the best interest of the City to do so; and

WHEREAS, the Police Department's present analog CVSA instrument was purchased in 1995 at a cost of \$7100.00, and has become outdated and will be difficult to repair in the future; and

WHEREAS, staff recommends purchasing a new digital Toshiba Notebook CVSA computer from National Institute for Truth Verification at a cost of \$9,250.00, less a \$3,700.00 trade-in for the City's present CVSA instrument; and

WHEREAS, the digital Toshiba Notebook CVSA computer has several advantages: laptop size and therefore 1/6th the size and weight of the analog model, analyzes charts for deception, removing some of the human subjectivity in "calling" charts, chart paper is no longer needed because it utilizes standard copy paper. CVSA formats for questions and narrative report formats are included in the software contained in the computer. Questions and charts can be retained on floppy disks if needed for storage or to be sent for further analysis by their experts.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council hereby approves the purchase of a new digital Toshiba Notebook CVSA computer from National Institute for Truth Verification in the amount of \$6,000.00.

Dated: December 1, 1999

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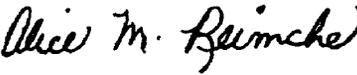
I hereby certify that Resolution No. 99-192 was passed and adopted by the City Council of the City of Lodi in a regular meeting held December 1, 1999, by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Mann, Nakanishi, Pennino and
Land (Mayor)

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


ALICE M. REIMCHE
City Clerk