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For Immediate Release

No More Hiding Those Lyin' Eyes with EyeDetect

EyeDetect uses eye behavior data collected while taking a computerized true/false test to determine if a person is lying. This automated computer test, which is 86-88% accurate, is currently used by more than 500 customers in more than 40 countries.

LEHI, Utah – Feb. 2, 2022 – A disruptive computer-based lie detection technology by Converus called EyeDetect is changing the way the world detects deception. It's the world's first ocular-motor deception test (ODT) lie detection technology, meaning it measures eye behavior to evaluate the credibility of individuals.

A new eye-monitoring lie detection technology called EyeDetect is changing the way the world detects deception. This automated computer test is up to 90 percent accurate in determining if a person is lying.

Converus says its primary customers include local law enforcement, attorneys, private investigators and clergy — as well as those that test sex offenders for parole, probation or therapy program violations. Federal law prohibits the use of lie detectors in private companies. However, federal, state and municipal government employees or contractors are fair game. In addition, lie detectors can be used in criminal or civil cases, addiction therapy, drug testing, iron man and body building competitions, as well as fishing tournaments.

"The lie detection industry was way overdue for a more advanced, user-friendly technology," said Converus President and CEO Todd Mickelsen. "It took more than 10 years for a team of scientists to develop EyeDetect. Its accuracy is scientifically validated by numerous peer-reviewed research studies."

Mickelsen adds that since there are no cables or sensors attached to the examinee in an EyeDetect test, this lie detection method is nonintrusive.

After initially releasing EyeDetect to the Spanish Latin-America market in 2014, Converus followed with the U.S. market in 2015. Since the test is automated, the potential for human bias is eliminated. EyeDetect is currently used by more than 600 customers in 50 countries in 50 different languages to screen potential and existing employees for involvement in drug use, robbery, sexual assault, infidelity, murder, sabotage, espionage, terrorism and other criminal and unethical behaviors. Customers include over 65 law enforcement agencies in the U.S. and nearly 100 worldwide.

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An EyeDetect test starts with the examinee sitting in front of an EyeDetect computer with an infrared eye-tracking camera mounted below the monitor. The eye-tracker takes 60 measurements per second of involuntary eye behaviors — including pupil dilation, blink rate, and other eye movements — to detect deception while the examinee answers a series of true/false questions. At the conclusion of the test, the data are uploaded to a secure cloud server and analyzed by computer algorithms. In less than 5 minutes, the person is scored as either credible or deceptive.

EyeDetect can be used for either screening tests or investigations. The investigative test, or Directed Lie Comparison test, takes 15 minutes. An initial field study shows it's more than 87% accurate. The Multi-issue Comparison Test (MCT), used in screening, takes 28-minutes and scores up to four relevant issues. It's 86-88% accurate. In comparison, polygraph exams take at least 90 minutes to five hours to conduct, and reports can sometimes take several hours to receive.

In March 2020, Converus released the EyeDetect Audio MCT protocol that does not require examinees be able to read. This new protocol allows governments and organizations worldwide to accurately verify the credibility of those with low to no reading skills.

Mickelsen says EyeDetect can not only help local law enforcement make better hiring decisions but also give local churches a tool for quickly determining the truth in any alleged scandals.

"Knowing the truth about an individual, no matter the situation, can solve a lot of problems," said Mickelsen.

For more information, visit converus.com.

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About Converus®
Converus provides scientifically validated credibility assessment technologies. EyeDetect®, which detects deception by measuring involuntary eye behavior, is a fast, accurate, affordable, noncontact, scalable, and fully automated option to polygraph. EyeDetect+ is the world's first automated polygraph, making the testing process impartial, accurate, and less intrusive (than a traditional polygraph). It assesses credibility by monitoring and recording ocular activity plus physiological activity similar to a traditional polygraph. Customers worldwide use the EyeDetect product line for screening and investigations to help protect countries, corporations and communities from corruption, crime and threats. Converus is headquartered in Lehi, Utah, USA. Visit: converus.com

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