

Official Converus Statement Regarding Polygraph and EyeDetect

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Converus and the polygraph community share the same goal: Finding the truth by providing the highest quality, scientifically validated credibility assessment solutions possible. Just like using multiple methods to verify a diagnosed medical opinion, customers benefit by having more than one deception detection technology available to validate the truth.

In today's world, public safety and security are top-of-mind issues now more than ever. Police officers, parole and probation officers, investigators and others are overwhelmed with cases. Human resource professionals and recruiters are constantly challenged with determining which candidates are best qualified — and trustworthy. These serious decisions are made daily when screening individuals. Those tasked with protecting corporations, communities and countries need the best credibility assessment tools possible.

Both the polygraph industry and Converus provide such solutions to help make the world a safer place.

The Converus technology — [EyeDetect](#) — is not a polygraph, and vice-versa. Polygraph measures various psychophysiological indices; EyeDetect measures involuntary eye behavior (i.e., ocular motor) and other behaviors. Both are viable, proven technologies.

The following are a few of the 9 peer-reviewed articles on EyeDetect: [International Journal of Applied Psychology](#) | [Psychophysiological and Ocular-motor Detection of Deception](#) | [Journal of Experimental Psychology: Applied](#)

EyeDetect is the world's first ocular-motor deception test (ODT) lie detection technology, meaning it's the first to rely on eye behavior to evaluate the credibility of individuals. It accurately detects deception in 15 to 30 minutes, depending on the test protocol used. It's also the first scientifically validated, scalable breakthrough in effectively uncovering lies since the polygraph was invented almost 100 years ago.

Consider the following:

- Converus' goal — like most polygraph examiners — is to accurately validate truth. Field tests show the EyeDetect screening test protocol (Relevant-Comparison Test) has a mean accuracy of 86 percent for guilty and innocent individuals and the EyeDetect diagnostic test protocol (Directed Lie Comparison Test) has a mean accuracy of over 90 percent. These accuracies are comparable to polygraph. We refer you to the first-of-its-kind field study conducted in 2016 in the [European Polygraph Journal](#). The Converus science team, led by Dr. John Kircher, holds itself to the highest scientific standards. This field study was no different.
- The same scientists that developed EyeDetect also developed the widely-used polygraph technique called the Utah Approach to the Comparison Question Test (CQT). What's more, two members of the Converus Science Team, Drs. Kircher and David Raskin, are credited with inventing the world's first computerized polygraph in 1991. Dr. Kircher, along with his colleague Dr. Doug Hacker, originally conceived the concept behind EyeDetect in 2002. They, and a team of three other scientists, have researched and developed this technology since 2003. Today, thanks to their efforts, EyeDetect is now a viable, commercial product.
- A polygraph exam or an EyeDetect test can be used to collect examinee responses and physiological measures. When followed by a post-test interview by a skilled examiner, better results can be obtained. There is value when an examiner performs a post-test interview after testing.

Official Converus Statement Regarding Polygraph and EyeDetect (Cont.)

- Since EyeDetect launched in April 2014, many polygraph examiners worldwide have adopted the technology, and EyeDetect continues to attract other credibility assessment professionals. In fact, most Converus Service Partners are polygraph examiners.
- Three of the four members of the Converus Advisory Board are well-known polygraph experts or examiners, as is a member of the Converus management team:
 - **Don Krapohl** is currently the Director of Educational Services for Capital Center for Credibility Assessment and co-authored the 2015 book, “Fundamentals of Polygraph Practice.”
 - **Dr. Charles Honts**, one of the foremost experts in polygraph counter measures, has published and/or presented more than 300 scientific papers on deception detection.
 - **Darryl Bullens** has worked in polygraph since 2001. He’s personally conducted more than 8,000 criminal/governmental polygraph examinations.
 - Mark Handler, Converus director of professional services, is also an independent polygraph examiner and instructor. He has published or co-published more than 50 scientific articles on polygraph or credibility assessment.
- For clients that need to conduct initial screenings of large groups of candidates and/or who wish to obtain very high rates of confidence in screening candidates to be hired, EyeDetect can help with both goals.
 - **Goal 1:** Screen large groups quickly – EyeDetect screening tests take 30 minutes. Results are ready within 5 minutes. (Investigative tests take 15 minutes.)
 - **Goal 2:** Achieve high rates of confidence – If EyeDetect and polygraph are used in succession, they combine statistically for an outcome confidence as high as 98.9% when an examinee passes or fails both tests. [Read article.](#)
- Ultimately, Converus urges credibility assessment experts worldwide to use all available scientifically validated tools to better serve customers to expose deception and preserve truth.

For more information, visit www.converus.com.

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About Converus®

Converus provides scientifically validated credibility assessment technologies. EyeDetect® detects deception at 86-90% accuracy in 15-30 minutes by analyzing eye and other behaviors. IdentityDetect™ detects falsified identities at 91% accuracy in about 1-3 minutes by analyzing subtle variations in the motor nervous system responses. IntegrityDetect™ identifies the most trustworthy individuals at 80% accuracy in 6 minutes by analyzing a person’s implicit associations. These technologies help protect countries, corporations and communities from corruption, crime and threats. Converus is headquartered in Lehi, Utah, USA. Converus is headquartered in Lehi, Utah, USA. Visit www.converus.com.

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