

## Product Description

**EyeDetect+** (U.S. patent pending) is the world's first automated polygraph. It combines similar physiological activity monitored and recorded by a traditional polygraph with ocular data from a standard EyeDetect test. Considered the first major advancement in polygraph technology since the invention of the computerized polygraph in 1991.

## Inventor/Manufacturer

Converus Inc., headquartered in Lehi, Utah.

## U.S. Release Date

May 2020

## Why EyeDetect+ Was Invented

There are existing, long-standing statutes in 17 U.S. states and the District of Columbia where the legal definition of a "lie detector" is a polygraph. This means the standard EyeDetect technology cannot be used in these states. Instead of investing in updating the laws in these 17 states and D.C., Converus invented a lie detection method that assesses credibility by monitoring and recording physiological activity – similar to polygraph – as well as the same ocular data from a standard EyeDetect test. By so doing, EyeDetect+ meets the legal definition of a "lie detector" and "polygraph" and can be used in all 50 states and the District of Columbia.

## How EyeDetect+ Differs from Polygraph

- **Unbiased** – The test is automated, which increases the reliability and objectivity of the testing process while eliminating any potential bias in scoring.
- **Advanced** – An optimized convergence of two proven testing protocols (polygraph and EyeDetect).
- **More Accurate** – Improved diagnostic data channels increase accuracy.
- **User-friendly** – Improved and less-intrusive sensors. The blood pressure cuff has been replaced by ECG pads attached to the wrist.



## EyeDetect+ Training

Standard training for test administrators takes about 4 hours, while advanced training is 3 days for polygraph examiners.

## Potential EyeDetect+ Customers

- All U.S. states, as EyeDetect+ meets the definition of a lie detector.
- Any individual polygraph examiner or organization that desire to use a polygraph to screen job candidates, verify trustworthiness of staff, and conduct investigations. Organizations include:
  - Corporations (NOTE: Most private U.S. companies cannot use a lie detection technology because of the [EPPA law](#).)
  - Federal, state and municipal governments
  - Law enforcement
  - Departments of corrections
  - Private investigators
  - Attorneys
  - Marriage/family counseling centers

*For more information, see this [comparison chart](#).*