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About the Academy

News

Official

Vice president of the American Polygraph Association Presents New Lie Detection Technology

Vice president of the American Polygraph Association presents new lie detection technology

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Vice-President of the American Polygraph Association, Mark Handler, recently spoke at the Interregional Academy of Personnel Management (IAPM). His presentation was on modern polygraph technology. Handler spoke about the new American "lie detector" method, as well as about the methods of designing test questions. He also presented a new lie detection technique called "EyeDetect."



Lie detection/polygraph expert Mark Handler (center, right) speaks at the Interregional Academy of Personnel Management.

"EyeDetect is a new lie detector — there's nothing else like it on the market," said Handler, who is also the director of professional services for U.S.-based technology company Converus, makers of EyeDetect. "The EyeDetect station is a tablet with a high-definition, infrared eye-tracking camera mounted under the monitor. This camera measures changes in eye behavior, such as pupil dilation, as the person answers a series of true/false questions on the screen. Depending on how the person's pupils react, along with blink rate, fixations and other eye behavior, this technology can determine whether or not a person is lying."

"This is a unique technology," said Sergey Lysenko, director of the safety department of the IAPM.

A polygraph examiner is a specialist who interprets the data after a person takes a polygraph ("lie detector"). Error in the work of an experienced polygraph examiner does not exceed 2%.

The polygraph, or the "lie detector," was previously used only in the work of law enforcement agencies, but now it's increasingly used in recruiting of new officers.

A polygraph examiner sometimes completes a higher education, such as a degree in psychology, or other specialized courses. For more information: www.converus.com