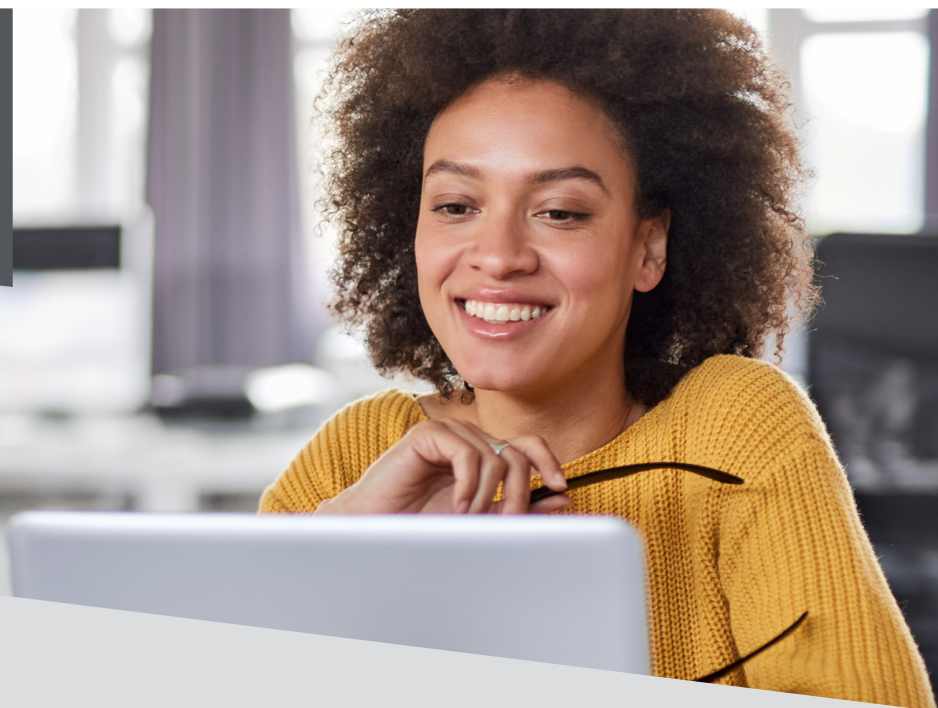




eximity
BETTER TEST INTEGRITY.



What does our AI do?



All of Eximity's proctoring modalities, automated through to live, extensively use AI/machine learning from deep data sets to power our algorithms. In the online proctoring industry, there is a misconception that automated proctoring is interchangeable with Artificial Intelligence. That is simply not true.

Eximity's solution architecture, including our human auditing process, allows us to blend incoming customer data with the mass amount of data already processed in our systems from over six years in the proctoring industry. This gives us the ability to apply deep learning networks for classification and regression analysis, to observe trends across utilization, academic integrity behavior, user satisfaction, and user experience.

Real-time analysis of video is done using Tensorflow JS, a JavaScript Library originally developed by Google for training and deploying machine learning models in the browser. Test-taker actions are observed, and flags are generated when movements, actions or sounds indicate that inappropriate behavior has occurred.

For example, Eximity identifies and triggers flags based on:

- ✓ Test-taker accesses websites outside of the Eximity or exam system domain
- ✓ Loud or aberrant noises detected (based on audio signature)
- ✓ No face is identified in the video, or more than one face is identified within the video
- ✓ Test-taker posture and/or face direction is not focused on their computer/exam (based on degree and duration) - this can include rapid movement or looking away for too long
- ✓ Test-taker completes an exam too quickly

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