



## Student Learning Validation Proposal

Examity is the global leader in learning validation and online proctoring.

Examity entered the online proctoring market in 2013. At the time, there were a variety of providers already in the space, but all were offering a single-service style solution, i.e. just live proctoring. As we met and connected with certification and university partners, we realized that a new approach was required to meet the differing needs of institutions, test administrators and other stakeholders.

We developed our solution to encompass a variety of identification and proctoring approaches, from automated through to live modalities. In addition, we heard time and again that online test-takers require immediate, and ongoing support. With this in mind, we built our team (now over 650 strong) to provide test-takers with 24/7/365 support through familiar and accessible channels.

Since 2013, we are excited and honored to have experienced more than 50% growth every year we have been in business. This is a validation of our success. Some reflections of this accomplishment include:

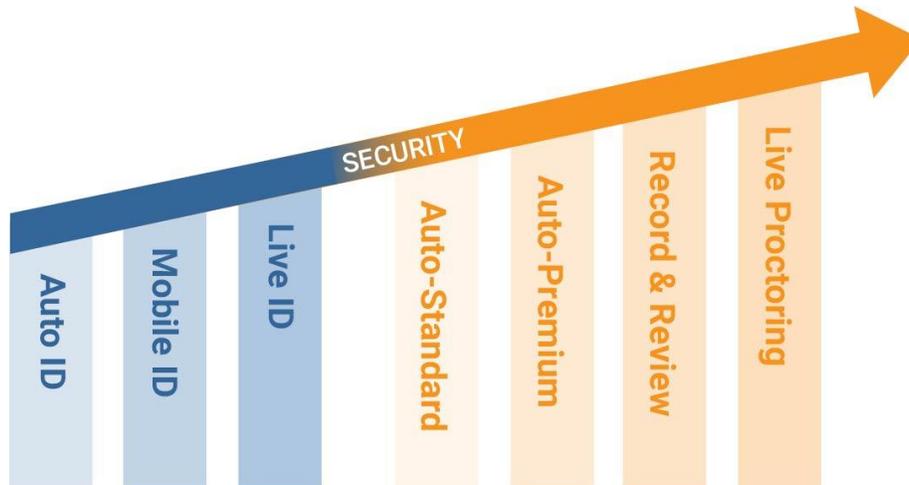
- Acknowledgment by the *Boston Business Journal* as one of the fastest-growing companies in Massachusetts in 2018 and 2019.
- Recognition by Deloitte's Fast 500 as the 119th fastest-growing company in North America.
- On April 30, 2019, Examity announced its \$90 million investment round that further validates our leadership position and online authentication and proctoring.

We take great pride in our ability to handle more than two million assessments per year. We maintain partnerships with more than 500 universities, corporations, standardized tests and other enterprise testing organizations. We service a wide variety of premier organizations that include: University of Arizona , Penn State World Campus. Academic Partnership clients/HEC, Texas A&M, Indiana University, Amazon, SAP, Epic, the European Union, The College Board, Mercedes Benz and Western Governors University.

As mentioned, Examity maintains a staff of approximately 650 full-time employees. All employees are exclusively dedicated to Examity's online identification and proctoring solution. Examity is led by a team of seasoned executives with decades of experience, respectively, in higher education, technology and operations.

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We offer a single platform and solution that encompasses a variety of identification and proctoring modalities. As the below graphic demonstrates, Examity's solution provides Academic Partnership clients with the opportunity to select the modality that best fits their needs.



Examity's solution is divided into three areas: authentication, automated proctoring, and live proctoring. Below, we've outlined each of these areas.

## ***Authentication***

### **Auto Authentication**

Designed for lower stakes assessments and meeting accepted standards, our Auto-Authentication has test-takers snap pictures of their ID and face, answer challenge questions and enter a biometric keystroke signature to verify their identity.

### **Mobile Authentication**

Presenting one of the fastest ways to authenticate, Examity's mobile identification solution allows test-takers to use their smartphones to validate their identity. Mobile technology and software confirm face or voice match. This approach enables clients to identify students with customized set up activity/triggers for any test or non-test activity. Additionally, clients can identify the frequency of these activities. The solution is seamlessly integrated with Academic Partnership clients' LMS or other platforms.

### **Live Authentication**

For use with testing only, Live Authentication is best suited for tests that matter more. Live Authentication ensures an agreed-to understanding of exam rules and "clean" test environment. Challenge questions, ID verifications, facial comparisons, keystroke analysis and full recordings help make this level our most secure authentication.

## ***Automated Proctoring***

### **Automated Proctoring - Standard**

Examity's fully automated standard proctoring solution is driven by six years of machine learning and artificial intelligence. After auto-authentication is complete, Examity captures audio, motion, and systemic changes to identify aberrant behaviors. Upon exam completion, timestamped comments along with violation screenshots are available on the instructor dashboard.

### **Automated Proctoring – Premium**

Examity's fully automated premium proctoring solution is driven by six years of machine learning and artificial intelligence. After auto-authentication is complete, Examity captures audio, motion, and systemic changes to identify aberrant behaviors. At the conclusion of the exam, for quality assurance, our auditing team will review the recording before releasing audio, video and analytics to the instructor dashboard.

## ***Live Proctoring***

### **Record and Review Proctoring**

After live-authentication, each test is recorded from start to finish and is later viewed by a human, in its entirety, to ensure that no rules have been violated. After the exam is complete, our auditing team for quality assurance will view the video before releasing audio, video and analytics to the instructor dashboard.

### **Live Proctoring**

After completing the live-authentication process, Examity monitors the test-taker's surroundings and entire desktop throughout the exam. This is considered the most secure approach within the online proctoring industry. An advantage to live proctoring is that Examity may comment and troubleshoot in real-time during the test. After the exam is complete, our auditing team for quality assurance will view the video before releasing audio, video and analytics to the instructor dashboard

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## The University of Arizona

The University of Arizona is a living case study which showcases Examity's ability to work very quickly, efficiently, and scale. Our original contract with the University of Arizona closed on November 12, 2015, and our kickoff meeting was on November 19, 2015. Soon after, we integrated with three learning management systems in just two weeks, created LMS-specific communication materials, helped design/write the Examity pages within the Office of Digital Learning tools site and conducted on-campus training. Our first proctored test for the University of Arizona occurred on January 21, 2016.

Our implementation with the University of Arizona reflects our ability to work quickly and efficiently. At the start of our engagement with the University, there was no system in place, or vision for, a university-wide proctoring service. As we grew with the school, we quickly learned what you were looking to accomplish, the reasons behind your goals, and we worked with you to see your goals realized.

Over the last three years, we have established new processes, and protocols, for the University of Arizona team. We have consistently worked to improve communication and collaboration. We have built enhanced features and customized integrations to provide the highest level of integrity. Since the start of our partnership, we have proctored more than 160,000 exams with an average wait time of 47 seconds. We have supported hundreds of faculty and tens of thousands of students.

## Penn State

In late 2016, Penn State began working with Examity following a formal RFP process. The contract closed on December 22, 2016, and our first test was proctored February 4, 2017. During the implementation process, we discovered that schedule limitations (within Penn State's Information Technology department) would prevent Examity from fully integrating with Canvas until the spring. So, we adjusted our approach. While we waited for the Canvas integration, we built an auto-enroll process to ease onboarding and use for both students and instructors. This ensured a seamless, and straightforward experience for all audiences at the onset of our engagement.

Since February 2017, we have grown our relationship with Penn State. What began as an engagement with Penn's World Campus has now expanded to include Penn State's 23 other campuses. Customizations have been built throughout our partnership. In fact, we are now working on a very large automation initiative to assist with Penn States' diverse campuses, colleges, departments, and instructors who want to use Examity. Critical to our success, we regularly conduct faculty forums (discussions and questions around best practices in online proctoring), provide informational overviews for interested parties, attend monthly online proctoring committee meetings and schedule on-campus visits.

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## Summary

Examity will meet and exceed the requirements necessary for Academic Partnership clients to assist in adding additional integrity to its distance learning programs. Through our partnership, Academic Partnership clients will provide a best in class/seamless testing experience for all students via Examity's suite of identification and proctoring services. This new experience will present a flexible approach that focuses on creating the best student experience.

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