

REMOTE PROCTORING

AN INDUSTRY PERSPECTIVE

Stringent, well-defined Proctoring methods ensure credibility of the Institution and the integrity of the students enrolled for virtual programs.

The primary purpose of this whitepaper is to educate about the value of a proven, robust proctoring system and how educational institutions, Universities, and Online distance course providers can benefit from it.

Table of Contents

Remote Proctoring: A Keen-eyed Observant	2
The Emerging Scenario.....	2
The Need.....	2
The Approach On-demand and Off-site Proctoring	3
Sameva Proctoring Solution.....	3
Why Choose Sameva Solution Benefits:.....	4

Sameva: Executive Summary

Sameva Global is a specialist provider of custom software product development and business technology solutions, process outsource consulting services and workforce consulting solutions to start-ups, mid-sized and multi-billion companies.

Our core focus and competency covers - Remote Proctoring, Staffing & Recruitment, RFID, Mobility, Web Enhancement Solutions and Unique Device Identification in order to deliver integrated, cost-effective and high quality business solutions for both IT and Non-IT companies.

Headquartered in New Jersey, USA, and driven by an avid team, we also have an offshore global delivery centre in Hyderabad, A.P., India, for maximizing connections amongst people, firms and performance.

We strive to help our clients to give tough competition in the market by increasing the global effectiveness of their services and brands. Our service offerings are globally delivered by a rapidly growing team of techno-functional professionals possessing a wide-range of domain knowledge and multi-year experience across diverse technologies and business verticals.

Remote Proctoring: A Keen-eyed Observant

A Backgrounder

With globalization increasingly facilitating cross-border educational pursuits, students are more than ever keen to pursue and engage in virtual courses as well as attempt certifications online, on-demand, off-the-campus, and as per their convenience.

The proliferation for distance education learning system is highly on the rise, abiding by the central expression of Honour System for self-commitment which is primarily a mandate for attempting online examinations. Given this recent development, the operational proctoring procedures have become analogous with respect to the current growing industry of both online course offerings and rapidly growing e-educational systems.

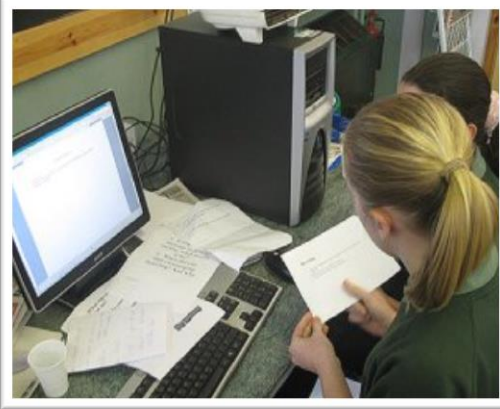
There is a great need for institutes to verify and validate the quality as well as the credibility of online programs. Additionally, firms offering proctoring services stick with standard coercion rules to deliver perfect tangible values.

In such a dynamic scenario, Sameva has redefined the controllership to best drive predictive insights crucially and practice respective demands to best eliminate volatility in this domain.



The Emerging Scenario

A research study recently stated that more than 6.7 million students participating in online courses and have been taking-up exams using their PCs or laptops at home.



Any transgression of integrity puts the test-taker and as well as the institution, that conducts the exams, at a risk. In common, almost all of the online exams adhere to the 'Honour Code' and students are mandated to genuinely obtain good ranks and grades.

With the beefing-up demand for online/ distance education, the potential for malpractice is also on the rise. There is a general consensus to prevent cheating by making best use of technology that assures mitigation of malpractice and at the same time offering the student a 'convenient' environment.

Online examinations are recorded by a webcam and proctored by a blend of strong lockdowns (keyboard) and other special student authentications. Additionally, a diligent proctoring technology helps capturing physical characteristics like facial recognition and other essential identifications.

However, it is a tough task to precisely measure the dramatic rise of negative repercussions in exams which is constantly on the rise with virtual learning systems.

The Need

Proctoring has evolved over the years and has become a critical global need today. Universities are mandated to prioritize the challenge of online exam malpractices, combat the problem of virtual system integrity, and implement a robust and cost-effective solution.

Sameva addresses this global need by providing strategic global offshore 'Remote Proctoring' solutions to monitor and validate exam process for any testing environments, while safeguarding the reputation of institutions.

Sameva offers the following expertise to global institutions.

1. **Live (Real-time) Web Proctoring.**
2. **On-demand Web Proctoring. (Offsite)**

The Approach

On-demand and Off-site Proctoring

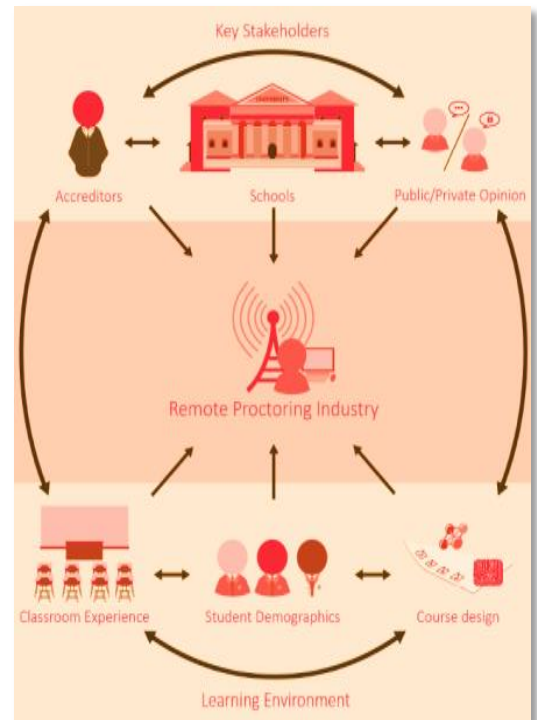
The examinees agree to allow web cameras to “watch” while they take exams; if the camera captures anything unusual or out of the ordinary, with regards to the exam rules, the inconsistent behaviors are immediately flagged by the proctors.

Sameva has a robust workforce comprising of experts to meet exam integrity and security challenges.

Level 1: A team is assigned to verify student identity through Facial Identity and Fingerprint (Biometric device). The team ensures that each and every recorded video session is reviewed and flagged with necessary annotations wherever any unusual behavioral action has had occurred during the exam.

Level 2: A team of senior proctors are assigned to re-check and ensure that all regulatory requirements, check-list for the examinations is adhered to and nothing is missed out in Level 1 monitoring.

Level 3: A team of Quality Analysts is assigned to check and endorse the conducted exam took place within the guidelines set down by respective authority and deliver the final reviewed sessions.



Live (Real-time) Proctoring:

Proctors observe the examinees and monitor any suspicious activities and/ or behaviors as they happen in real time. However this approach is less convenient and much expensive when compared with on-demand offsite proctoring approach.

Sameva Proctoring Solution

There are innumerable studies and research that talks about the ubiquity of cheating and possibilities of deceiving during examination increasing over time.

Sameva's CoE (Centre of Excellence) effectively addresses this concern and through its highly stringent proctoring solutions, consciously flags the below outlined frauds:

- Candidate navigating away from their test screen
- Making mimics, whisperings and/ or murmurs
- Micro eye gestures
- Using hidden notes
- Impersonating
- Browsing local computer, other online resourceful websites
- Another computer system/person in the room during examination
- Usage of smart phones and tablets
- Unauthorized biometric/identity entry

Best-in-class, Cost Effective:

Sameva has a team of experts for proctoring, be it offline or online. It's all about accuracy. Precise and timely deliverables are the key elements practiced by Sameva.

Depending on a firm's size and back-office functional strategies, Sameva plans and provides scalable custom methodology that significantly reduces the cost spent on human resources, infrastructure and other technical aspects.

Why Choose Sameva

Solution Benefits:

Sameva follows a distinctive methodology to identify students as soon as they start typing on their keyboard, while interacting within their learning management system tool. Our unique approach encompasses of below outlined parameters:

- A solution that is intrinsically designed to best detect cheating.
- Authenticating the identity of students enrolled in online courses and programs.
- Committed to be cost-effective.
- Sharp, detail-oriented monitoring.
- Minimizes the need for the technical support.
- Maintains the highest security standards to protect the integrity.
- Stronger and faster mechanisms for student identity verification.
- Centralized approach to adhere to academic integrity.

References:

- (I) Survey Of Online Learning Results - Babson
- (II) Sloan Consortium - Survey
- (III) eLearning - Ambient Insight
- (IV) Learning Report Update by Tomorrow
- (V) New Technologies Aim To Foil Online Course Cheating – NYTIMES

We invite your response!

Please contact us for more information.

About Sameva

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