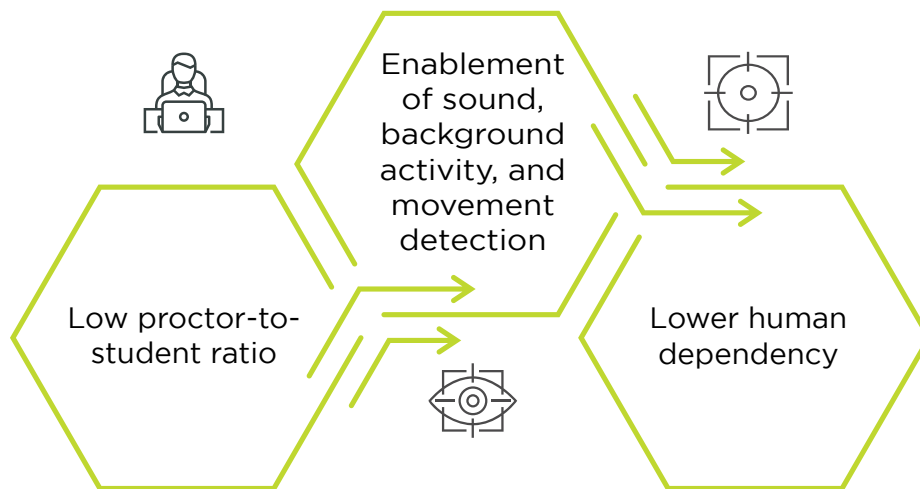


Remote Proctoring Solution



Why Remote Proctoring



The **global computer-based assessment** market is worth an estimated **USD 42 billion**. It is expected to grow due to the **increasing internationalization of education**.

The market for **online remote proctoring and remote invigilation** is predicted to **reach USD 10 billion** by **2026**, covering areas such as education, vocation, corporate, and training. The remote invigilation market is estimated to be worth **USD 60 million per annum in the United States alone**.

What is

HCL's Online Remote Proctoring solution

HCL's Online Remote Proctoring solution is backed by Artificial Intelligence (AI) / Machine Learning (ML) remote monitoring and management, where the students can take assessment in a regulated environment in the comfort of their home. Various types of control measures are available in such remotely proctored exams depending on the scalability and severity of examinations taken.

It encourages a **flexible test-taking** and **secure test environment** by blocking apps and browsers and disabling screen recording or sharing to ensure authenticity of the assessment and no malpractice takes place.

The solution also facilitates secure and **safe storage of student's data** that is collected.

It also calculates the **credibility index** of a student dependent upon the times and kind of flags raised.

It raises **an immediate alert** to the concerned authorities in case any malpractice is observed while test taking.



HCL's Remote Proctoring solution features

Identity Check

- Scrutinize the presence of an impersonator
- Check examinee's identity with the corresponding registered identity
- Compare it against the list of registered students
- Alert the authorities in case of any mismatch

Assessment On-boarding

- Read out the terms and conditions before commencement of the remotely proctored exam
- Environment check of the examinee (presence of unwanted material, objects, and people)

Monitoring

- Monitor the potential cheating scenarios such as:
 - Adverse movement.
 - Adverse sounds.
 - Background activities.
 - Using unfair means

Adverse Sounds

- Track decibel level during examination.
- Raise an alarm when the decibel level surpasses the defined threshold.



Unfair Means

- Scan for unauthorized possessed objects.
- Compare it against the list of prohibited/undesired objects.

Student Focus

- Capture the prolonged deviation and track multiple deviation from the desired focus.
- Track adverse movement (hand movement, and head and eye rotation) in the class.

Background Movement

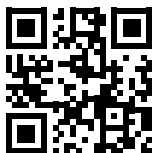
- Analyze the background activities of the exam hall.
- Notify authorities in case of discrepancies.



View HCL's Remote Proctoring solution video to understand how **HCL's AI-enabled Remote Proctoring solution** can benefit your organization.

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