

Photographic Invigilation Module (PIM)

Calibrand the currency for talent believes that e-Assessment, whether high-stakes or developmental should be available on a 'martini' basis. i.e. for the right person, at the right time, in the right place, on the right device, in the right environment. Of course the assessment must remain fair, valid and reliable.

What issues does PIM address?

There is currently a pressing need for two important e-Assessment problems to be resolved.

The first is **IDENTITY**. Is the person sitting the examination really the person they say they are, i.e. is the person who is certified or licensed the person who registered for the examination and the person who sits the examination one and the same?

The second is the **INTEGRITY** of the person sitting the examination is verified as appropriate and that no cheating occurred involving the candidates, invigilators or any third party.

The Calibrand **Photographic Invigilator Module (PIM)** is a method of remotely facilitating visual and audio invigilation leading to an auditable result. PIM provides verifiable evidence of identity checking and an audit trail of the visual and audible events during an examination sitting.

The module is available with Calibrand Test, Calibrand's online assessment module and can be used at any location, test centre, internal testing facility or by remote online users at home or in the workplace.

What does PIM do?

The PIM module is straightforward and has three main elements:

- Confirming identity
- Assisting and automating invigilation
- Verification of the results.

Confirming Identity:- Candidates are initially identified and then registered on the system together with their photograph. (It is intended in future versions to have the choice of other personal or biometric information). The objective here is to ensure that the person who arrived to take the examination with photographic evidence of identity (passport/driving licence) is the same person who registered and is the same person who takes the examination (see below).

Assisting and automating invigilation:- The examination, test or assessment taken by a candidate is automatically invigilated using a combination of video and audio detection tools to monitor the candidate and provide visual and audible evidence to the certification organisation of the actions and environmental events impacting the candidate during the examination.

The objectives include;

- Identifying any risk that the candidate cheated or had outside assistance during the examination.
- Providing evidence should a candidate appeal against the validity of the examination environment (e.g. noise due to adjacent building work/traffic), frequent interruption, fire alarms etc.
- Post-examination, to embed the candidate's photograph in the certificate (optional)

Verification of the results:- The whole process is passed to the database where the auditor can see the candidate's records - a video of any events during the examination as well as a sound track of these events.

Who can use PIM?

Any organisation that administers assessments including:

- Educational organisations
- Vocational qualifications bodies
- Licensing bodies (Part P/permit to work) etc.
- In-house company testing.