



A guide to e-testing excellence

By 2050 the population in Africa is expected to reach 2 billion, of which half will be young people, and Sub-Saharan Africa will contribute to a fifth of the world's workforce. However, the mismatch between the demand for skilled labor and its supply will lead to growing issues¹. It is therefore crucial that training and assessment programmes are built to meet that challenge. Standards keep rising, and it is important that test owners adhere to international standards using modern techniques such as e-testing.

E-testing is not simply transferring a paper-based exam onto a computer screen. It means developing a complete end-to-end assessment service to develop, manage, deliver and grow the assessment programme – increasing efficiencies and reducing overheads for assessment owners – with the key aim of realising the potential of your candidates while offering them an equal chance of success.

Creating computerised content

Your subject matter experts (SMEs) have all the knowledge, but they may still require significant assistance in transferring that knowledge into a fair,

valid and reliable e-test. This is where our expert psychometricians can optionally help construct exam questions and structure exam papers based on the knowledge of your experts. For example, they can train your SMEs and facilitate question writing workshops to managing the entire development process.

Part of this process is deciding which question format to use and it does not have to be multiple-choice as we can help you choose from 25 available options. These include drag-and-drop, video, long form (essay) and even simulation.

¹ The Learning Generation, Investing in education for a changing world



Increasing efficiency, reducing overheads

E-testing alleviates the necessity for having large groups of subject-matter experts in one room at the same time to develop the exam, meaning there is no need to travel long distances to each other. Instead, through software such as ExamDeveloper™, this work can be carried out through online collaboration, saving money on the overheads involved.

Through these methods, exam programmes can be successfully transformed from pencil and paper to computer-based – or created in computer-based form from scratch in a way that retains high standards of assessment content quality.

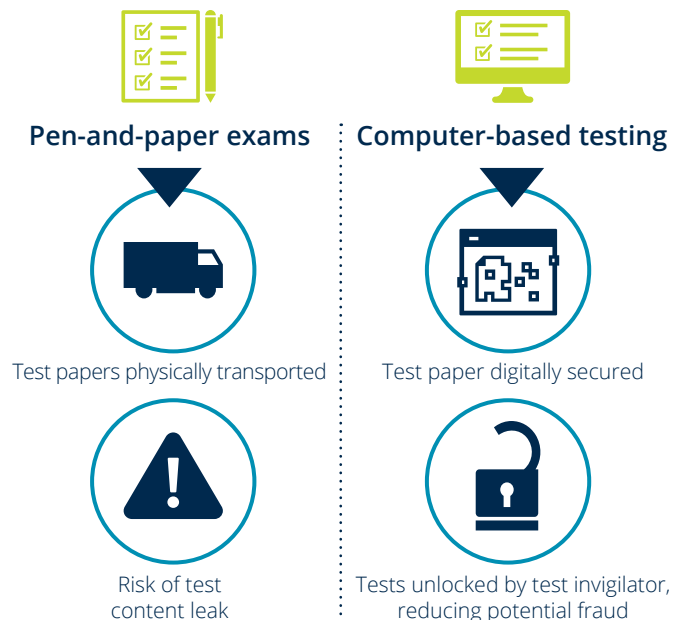
Candidate convenience...

The traditional 2,000-year-old method of pen-and-paper testing involves large groups of candidates sitting their exam in a large exam hall, typically on one specific day. However, one benefit of e-testing is that it allows candidates to schedule and re-schedule their exam on-demand, attending a local assessment centre of their choice – or for you to replicate your existing assessment model digitally.

This makes it far more convenient for the candidate – especially working professionals who cannot take the time off work to travel long distances to take their exam.

...but not at the expense of security

With on-demand assessment, it can be necessary to develop banks of questions considered to be of equivalent difficulty so that unique exam papers – consisting of randomised and rotated questions taken from the larger question bank – can be constructed and delivered on different days. This minimises the opportunity for potential cheats to pass on questions which might help other candidates taking the exam after themselves.



Helping you every step of the way, with 25 years of experience



Transitioning experts on hand to assist when making the leap from pen-and-paper to e-testing.



Test centre administrators are fully trained and certified to our standards and delivery applications.



Consistent and standardised testing environments.



Detailed reporting on both exam and candidate performance i.e. which exams have been delivered per centre/region/country.

Find out more...

Learn more about our end-to-end test delivery solutions by visiting www.pearsonvue.co.uk or email vuemarketing@pearson.com.