



# TESTNOVATION

## COMPUTER BASED TESTING



# TESTNOVATION

As flexible and technology-enhanced learning becomes more pervasive, there is a growing need for educators to consider modes of assessment using similar tools in unified environments. Computer Based Test (CBT) is an effective solution for mass education evaluation. Though, a variety of e-assessment approaches and systems have been developed in recent times, yet lack of flexible timing functionality to automatically log-off candidates upon expiration of allotted time, result integrity, stand-alone deployment, lack of flexibility, lack of scientific functions to facilitate wide range of use, robustness and scalability as well as human error are major limitations of most existing platforms.

Testnovation is an innovative software application for electronic exams (also known as CBA - Computer-Based Assessment, CBT - Computer-Based Testing or e-exam) that enables educators and trainers to author, schedule, deliver, and report on quizzes, tests and examinations. It is Web-Based, platform independent, and conforms to W3C Accessibility and Usability guidelines and addresses most of the deficiencies identified in majority of CBT applications currently existing in the Nigerian market.

phases: authoring, scheduling, delivering, and reporting. It is intuitive, easy to use, robust, scalable and yet powerful and secure. Users connect to the Testnovation system using a common Web-browser like Mozilla Firefox or Internet Explorer.

The general advantages of CBT over traditional Pen-and-Paper Testing (PPT) includes: increased delivery, administration and scoring efficiency; reduced costs for many elements of the testing lifecycle; improved test security resulting from electronic transmission and encryption; consistency and reliability; faster and more controlled test revision process with shorter response time; faster decision-making as the result of immediate scoring and reporting; unbiased test administration and scoring; fewer response entry and recognition errors; fewer comprehension errors caused by the testing process; improved translation and localization with universal availability of content; new advanced and flexible item types; increased candidate acceptance and satisfaction; evolutionary step toward future testing methodologies.

Testnovation automates all assessment



# FEATURES

## LATEST TECH

The test application runs on the latest infrastructure / hardware and software with 99% uptime. This ensures your tests remain available to your students as at when required and for refer-



## PLUG-N-PLAY

Students and Users are not required to install any software on their computers. A basic computer within a LAN/WAN and a browser is all that is required to take your tests from anywhere.



## EASY SETUP

HASSLE-FREE SETUP: the application can be deployed on a dedicated or shared server, which eliminates the need for your institute to procure expensive hardware and servers



## QUICK

The initial process of setting up your online test website including preparation of your question papers can be completed rapidly within a few minutes.





# LICENSING MODELS AND SUPPORT



## CLOUD BASED SaaS MODEL

In the Cloud-based SaaS (Software as a Service) Model, the software is hosted on a secure and dedicated cloud infrastructure that is available 24/7/365. All backend support is provided by NetPro while the client maintains administrative access allowing them to use the application for unlimited exams without time restriction. The client is however required to have access to the Internet in order to use the application.



## LOCAL HOSTING MODEL

In this model, the application is hosted on a local server, resident on the Campus Area Network. This model allows clients within the network to access the application anytime without the need to connect to the internet. Whereas the Testnovation brand remains the intellectual property of NetPro International Limited, the responsibility of ensuring that a robust network infrastructure is provided to ensure optimal performance lies with the clients. Models 1 and 2 above will require a yearly Licence Fee as well as a Support Fee.



## WHITE-LABEL MODEL

The White Label Model allows the clients to take ownership of the source code of the application giving them scope to modify and enhance the application as they wish. NetPro will provide initial support to the local software development team to enable take full ownership of the rich resources embedded in the application.



Open source eportfolios  
*[mah-hah-rash;verb]: to think, thinking, thought*



ASTRAL INFORMATICS LTD



CLIENTS



# CONTACT

We look forward to working with your institution to help support your efforts to improve quality education throughout your students' life cycle. We are convinced that we can meet the needs, and stand ready to partner with you in delivering an effective IT support solution.

Thank you for your anticipated consideration.

[sales@netpro.ie](mailto:sales@netpro.ie)  
+234 8035825318