

IN THIS ISSUE

Following the recent GESS exhibition in Dubai, where we released the latest versions of our new range of combined Online and Paper based data capture technologies, including an Android Application to complement the Online OSCE system for practical assessment examinations. In this issue, we look at the technologies now available from the company. This ranges from standard paper based data collection through combined online/paper systems, to online or Android Application only based options. All technologies use our unique copyrighted 'design once use on any platform' technology with captured data being transferred into the Print & Scan/MultiTest databases for analysis or export to other MIS or analytical systems.

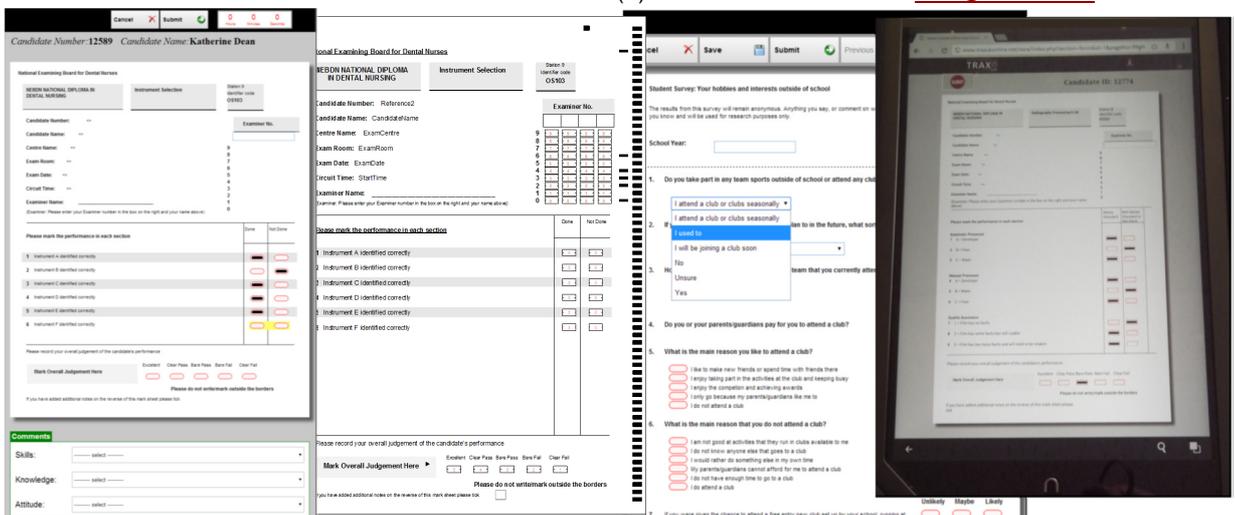
New Combined Online and Paper Version of Print & Scan plus MultiTest Released

The new combined online and paper based version of Print & Scan plus MultiTest is now available. As well as gathering electronic data, either online or through an Android application, users may also continue to use OMR/ICR forms either in a stand alone mode or together as a combination of both paper and online/electronic technology types.

As with the original system, first developed in 1999, the new online version is still the only system of its type, in the world, to offer the ability to duplicate a paper based form, using our unique 'design once use on any platform' technology, thus allowing different technologies, (OMR/ICR, Online, Android applications etc.) to utilise a common platform for designing, printing/generating, linking and processing exams, assessments, surveys etc. This means that the same form design and SQL Database options are used for both the electronic and paper based options thus avoiding the need to learn new techniques or complicated procedures for each technology type whilst retaining the same versatility, simplicity and ease of use of the original paper based system.

The suite of paperless/electronic modules also includes options for automatically linking our Question/Item Bank module to the new online examination software and OSCE practical assessment exams, again employing online technologies to capture the same data as the paper based version. The online version is designed to be highly portable so that it can be used on any web browser running under any operating system. Also available is a stand alone application for Android tablet types where internet access cannot be guaranteed but portability is a prime consideration thus allowing the system to operate on both tablets and other hand held and mobile type devices as well as in conventional desktop/laptop environments.

More details regarding the Question/Item Bank option and OSCE practical assessment examinations are shown overleaf. For further information on any of the new online or paper based systems please contact Colin Woolhouse or Erin Bannister on +44 (0)1227 793200 or email sales@traxuk.com



Example Online and Paper based form formats produced by the system

NEBDN Opt for New Trax UK Android Application for Next OSCE

Following a full scale trial of the Online OSCE module from Trax UK in February this year, whereby a whole centre was used, covering two floors with a total of ten circuits and 17 stations on each, the National Examining Board for Dental Nurses has opted for the new Trax UK Android Application for their next OSCE in June. The reasoning is that a number of their exam centres have poor internet connection, which can cause problems when transmitting the data back to the web servers. The new OSCE Android Application negates the necessity of having an internet connection by using an installed software module, on an Android tablet or device, so that the system runs as a stand alone application without the need for internet connection.

Paramount in this type of application is not only the storing of results but also the need to ensure that there is a data back-up. To overcome this, our programmers have designed a unique three way back up system whereby, the data is stored on the device's internal memory as well as an SSD card, which is used to act as a secondary backup medium (the data is written to both the device's internal memory and to the SSD card) and once an internet connection is established the data can then be downloaded to the web servers thus giving a third back up option. If no internet is available then the SSD card may be removed and the information copied onto the OSCE administrators computer or laptop to analyse the results.

This means that there is now a solution for users who wish to undertake OSCE type examinations on mobile devices but who do not have internet access. Note that there is also a further back-up medium available insofar that you can still mix and use paper and online solutions together using our 'design once use on any platform' technology. For further details and information please contact either Erin Bannister or Colin Woolhouse at sales@traxuk.com

New On-line/Paper Version of Question/Item Bank Released

Options for automatically linking the new Question/Item Bank module to the online examination software and OSCE practical assessment exams, again employing online technologies to capture the same data as the paper based version, is now available.

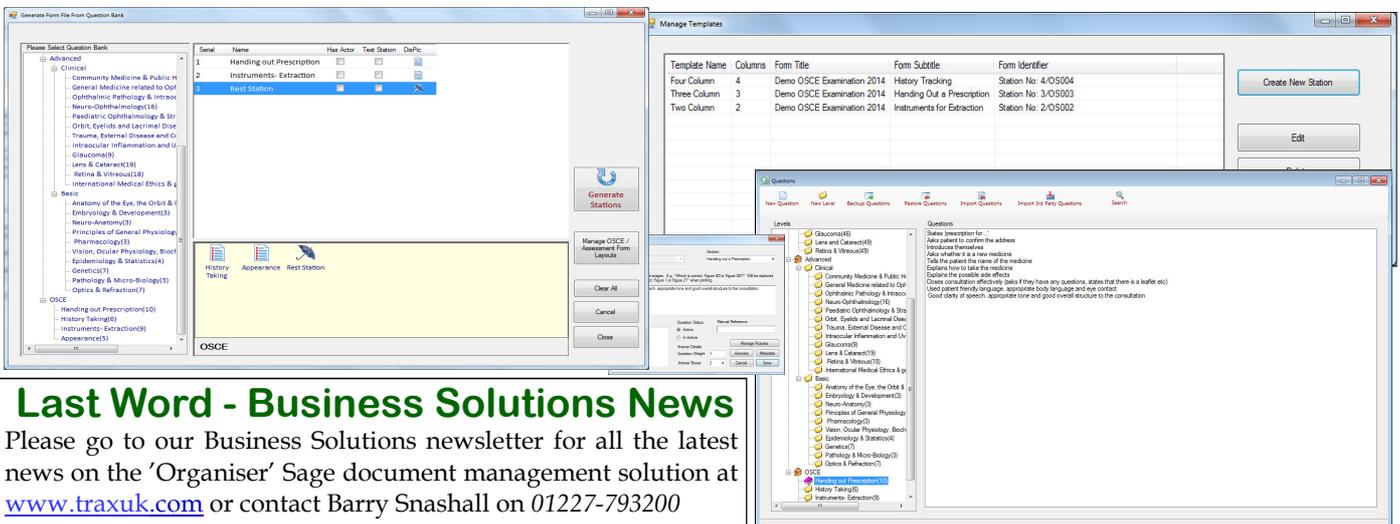
This new version has the ability to create question lists for use with both on line and paper based systems, either individually or as a combination of both. This means that questions, covering both text, diagrams or pictures, can be displayed online at the same time as the relevant answer box. As you select the next online question, either by clicking on the question number, the next option or by allowing the system to automatically go to the next question once the current one is answered, the text for the next question is automatically displayed. Other options include the ability to create extended matching, multi-stem or standard MCQ type questions in multiple languages, search questions by key words and set question selection criteria by enhanced statistical data imported and stored from the Print & Scan/MultiTest system.

OSCE Version of Question/Item Bank Released

A new variation of the Question/Item Bank designed specifically for OSCE practical assessment exams for paper, online and as a stand alone Android Application, has also been released. This option allows users to design and generate OSCE practical assessment forms from within the Question/Item Bank with the appropriate number of columns and responses for each task generated with up to 6 user defined column headings for each station.

Questions are created in a similar manner to the multi-stem option in the standard version of the system, with each station treated as the main question title and each task within a station treated as a stem. Version numbering of amendments to the original question/station are held by the system as well as an option to flag if a question/station is to be used as a pilot/test only. When generating a station list, the software allows the user to 'drag and drop' stations into their own preferred order with the ability to change that order before generating the final station examination list. For the purposes of ensuring that a list is in the correct candidate circuit order for generating online or onto paper based forms, the user may also designate whether a station is a rest or for test purposes only (and not included in the scoring scheme) as well as being able to allocate actor stations, if used as part of the marking criteria.

The station list created is passed seamlessly from the Question Bank into the Print & Scan/MultiTest software from where stations are printed onto paper and/or generated online and downloaded to each tablet or mobile device. For more information or a system demonstration please call Erin Bannister/Colin Woolhouse on +44(0)1227 793200 or email - sales@traxuk.com



The image displays three overlapping screenshots of the Trax UK software interface. The top-left window, titled 'Generate Form From Question Bank', shows a tree view of a question bank with categories like 'Clinical', 'Basic', and 'OSCE'. The top-right window, 'Manage Templates', contains a table with columns for 'Template Name', 'Columns', 'Form Title', 'Form Subtitle', and 'Form Identifier'. The bottom window, 'Questions', shows a detailed view of a question with a 'Levels' list on the left and a 'Questions' list on the right.

Template Name	Columns	Form Title	Form Subtitle	Form Identifier
Four Column	4	Demo OSCE Examination 2014	History Tracking	Station No: 4/OS004
Three Column	3	Demo OSCE Examination 2014	Handing Out a Prescription	Station No: 3/OS003
Two Column	2	Demo OSCE Examination 2014	Instruments for Extraction	Station No: 2/OS002

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