

Welcome...

Welcome to the first issue of *Trending Now*. It is our aim to release quarterly newsletters to bring you, our customers, information on what is happening at Datrend Systems. If there is anything that you would like to be included, please send an email to customerservice@datrend.com. ■

Who are we?

Datrend Systems Inc. is a Canadian Based Biomedical Test Instrumentation Company based in Richmond, British Columbia. Formed by Ron Evans and Mark Miller in 1991, we started working in Ron's garage and today, 23 years later, occupy a 7500 sq ft facility. Starting from one product, we now have a comprehensive portfolio to meet the needs of today's Biomed's & Field Service Engineers. ■

vPad Electrical Safety Analyzers

The basic manual safety analyzer is provided in two versions: vPad-ES for the AAMI/IEC60601 Standard; and, vPad-353 for the IEC 62353 Standard. These systems can easily be upgraded in the field by purchasing Apps so you can start off with a basic manual tester and over time can purchase Apps so that it becomes a fully automated system that can transfer data to and from your CMMS. ■

Vision-Pad Technology - What is it?

2½ years ago, the exec team (Ron Evans, Mark Miller and Jon Strong) were having a brainstorming session on what we should develop next. We knew that there was a requirement for a mid-range electrical safety analyzer but we wanted to do something that would really help our customers. Feedback from the field was that due to budget constraints, hospital Biomed's were being asked to do more with less. At that time, Android tablets were just starting to take off so rather than build a product with a standard LCD touch screen and limited functionality, could we utilize the emerging technology and develop something that would truly be beneficial to our customer base? Utilizing tablet technology would give us a platform with unprecedented usability and scalability. After much discussion we took a step into the dark and 1 year later launched the vPad-ES & vPad-353 Electrical Safety Analyzers.

Sales of the vPad-ES & -353 quickly started to ramp up as users began to see the benefit of utilizing tablet technology and today Vision-Pad Technology is the platform that we will utilize in our next generation products. ■



Optional Apps



vPad-AS, vPad-NFPA and vPad-A3

Expand your inspection capabilities, standardize your test methods, and reduce testing times.

The vPad-AS, vPad-NFPA and vPad-A3 are automation applications for the vPad ES and vPad-353 Manual Electrical Safety Analyzers. These apps provide the ability to automate the electrical safety test the way you require, to the Standard you want. Automation sequences, to follow the required Standard, can be created for as many scenarios as you can envisage, with no restrictions.



vPad Check - The ultimate level of automation.

Using a script based Checklist, the autosequence can now be any number of tasks, in any order, with pass / fail limits applied. Individual tasks can be almost anything: inspect, measure, pass/fail, electrical safety sequence (vPad-AS or vPad-A3), etc. You will even be able to control other devices either wired or wirelessly, and import their test results.



vPad-mT - Export Medtester files to a vPad compatible file.

If you are currently working with a CMMS program that produces medTester export files, vPad-mT will convert the files (MTEXPORT.ITM, MTEXPORT.LST, MTEXPORT.IDN) into a vPad-Check compatible file.



vPad-XPORT - Convert files to be ready in almost any program.

vPad creates test reports in a text file format. vPad-XPORT can convert those files into a format that is compatible with your CMMS program.



vPad-EQM - Track equipment and work orders.

vPad-EQM is a simple and easy-to-use equipment manager app for your vPad system. Import your equipment information from any asset program that can create an Excel spreadsheet, or create it on-the-go as you encounter the equipment. Trace your work through work orders and test reports.



vPad-CAL - Track the test equipment inventory, its calibration status, and include this information

in the test record. As accreditation requirements change, the need to follow the tenets of the Quality Systems approach to all aspects of medical device maintenance is becoming the norm. vPad-Cal provides a tool to track the test equipment inventory, its calibration status, and include this information in the test record for a device through the use of vPad-Check.



vPad-STM - Create automated electrical safety tests. vPad-STM™ is a software application (App) which may be installed

on vPad-ES™ and vPad-353™ electrical safety analyzers, and which may be used in conjunction with vPad-AS™ and/or vPad-A3™ Apps to create automated electrical safety tests of arbitrary complexity.

Upcoming Events

Datrend staff and our dealers will be exhibiting at the following upcoming conferences:

- Oct 01 2014 • MD Expo, Orlando, US
- Nov 12 2014 • Medica 2014, 12th to 15th November, Düsseldorf Germany
- Jan 15 2015 • CMIA Symposium, 15th to 17th January, San Diego USA

For more information on the topics raised in this Newsletter and to review our range of Biomedical Test Instrumentation, please visit our website www.datrend.com.



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