VOLUME 1, ISSUE 2

APRIL 1, 2015

THE SCRIPT

Special points of interest:

- DR DAS LTD is hiring! We added a new support staff member in Feb and a Web Programmer started in early April. Entry level programmers and an experience filed server person are sought.
- FilterPAQC program has added other non filter based sample support and gets a new name - SamplePAQC
- XML Reporter begins beta testing with existing users
- Service Office in Heath bursting at the seams: Founders office usurped. He is told to stay in the Granville office.

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DR DAS

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Strong Financials - Larger Customer Base - Growing Staff

Its time to file taxes. Company filings were done in March and now it is April and we all know what happens in April: Showers and IRS Form 1040s. The bad news is DR DAS LTD pays a lot of taxes to lots of jurisdictions. The good news is we pay a lot of taxes and that means we were profitable again.

The good news part of taxes is due to the continued growth of the customer base and the expanding scope of support we provide to our existing customers. As we work with almost 50 agencies in the USA, Canada and Mexico the activities we are involved with increase. Often starting with continuous air monitoring we can find our role expanding to:

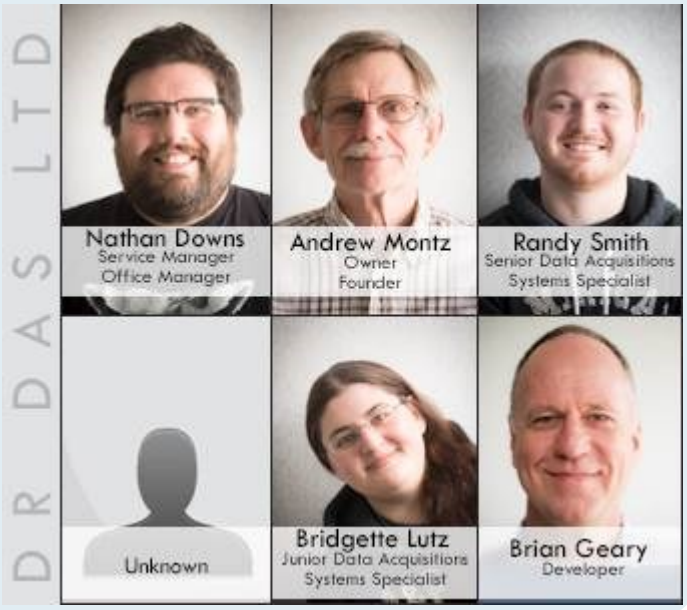
- monitoring of other media like water
- management of filter and samplers based data sets in air and water
- public information assignments for web sites, mobile device apps, information kiosks, signage, and voice systems

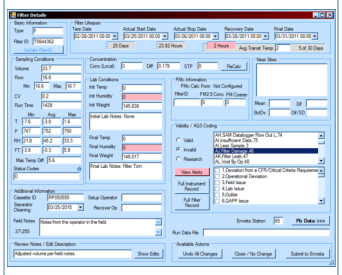
There is a similar story with our private sector clients in the consulting industry and owners of industrial emissions sources. What starts as a narrowly defined regulatory compliance driven task, evolves to delivering data acquisition and data management that informs the public about a facility's environmental programs and impacts.

Of course more business does not translate to profits unless a business operate s with a sense of frugality and is efficient. We have been very fortunate to find staff here in central Ohio that exhibit these two traits. However even the best people can get overloaded. This is something we see beginning to happen. So we are actively looking for additional staff in tech support and programming.

Elsewhere in this Edition of The Script you will see a Bio on Bridgett Lutz who joined us in late January. As part of her training she has the assignment to review and edit the documentation provided for the Envidas Ultimate software. The questions she has about 'What does this do?' ' What does this mean ?' reflects the same experience that many new users have. It is hoped that her efforts will result in an easier to use solution to complement the awesome technical power of the Envidas Ultimate programs.

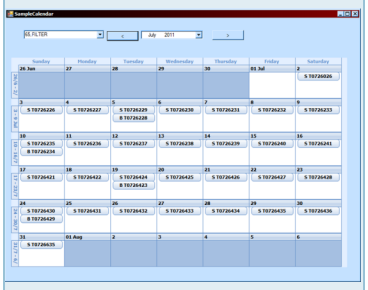
This month we are doing interviews for programming staff. A mix of experienced and junior programmers will assume responsibility for existing programs and develop new tools and add-ins. Be on the lookout for new faces in the July Edition of the Script.





Filter PAQC 2.0 Becomes SamplePAQC

In our previous newsletter, we sought to explain some new features coming to the 2.0 generation of FilterPAQC – our software tool originally developed for managing various FRM based particulate data. This new version generalizes the program to work with many types of data that involve non continuous sample collection and subsequent lab analysis. This begins the extension of support beyond particle mass samplers into Speciation, VOC, PAMS and even water samples. For this reason, we have decided to change the name of FilterPAQC to SamplePAQC.



New features in SamplePAQC include:

- A new Filter Details form with an improved layout that feature more useful information and removes generally unused fields. New strategies on the layout have allowed for more data to be immediately accessible when using SamplePAQC for FRM type Filter Samples.
- A new calendar display for date-based review of the Filter Records. This form will also allow a user to select a missed run and generate a dummy sample for submission to AQS.
- A new structure for managing "Other Samples." This exciting structure will provide a flexible interface that will allow SamplePAQC to display field and lab data for an array of different sample types with multiple analytes. This will debut for SQL Only.
- A new window to review Filter Properties from lab metadata or from run data. This will allow the user to see items that were once hidden in the database tables.
- A lab notes report to allow the user to see a list of all filters with any notation from the lab. This form, as do most forms in SamplePAQC, provides direct linkage to the Filter Details form for the sample in question.
- SamplePAQC will also have Feature Control, which allows for diverse management of settings. This debuts in 2.0 with new settings, and will expand through the year.

"For this reason, we have decided to change the name of FilterPAQC to SamplePAQC."

SamplePAQC 2.0 is available on the FTP Monday ,April 20, if you are a current user of the software, e-mail nathan@dr-das.com with requests for support in the upgrade, or with other questions and ideas. SamplePAQC will continue to expand. There already is a schedule for the release of planned Version updates with exciting new features:

2.1 – May 15 – Chain of Custody input form and report, enhancements to the Calendar

2.2 – June 15 – Imported Data Analysis Tool, Recovery Date Encoding Support, Other Sample Data Flow Interface (Demo Mode Only)

2.3 – July 15 – Detailed Summary Reporting, Statistical Analysis Tool

2.4 – August 15 – Complete Manual Revision for Other Sample Data Flow Interface

These additional features have required a significant development effort. A price increase is scheduled to take effect August 1. Envista ARM users who have considered using Filter PAQC are encouraged to contact DR DAS for quotes to obtain SamplePAQC at current pricing.

Ultimate Supports State Department Air Quality Program

During 2014 Envidas Ultimate Data Acquisition Systems were installed in US State Department Embassies and Consulates in China and India. They were used to gather measurements from Met One BAMs configured to measure PM2.5. Data was transmitted hourly back to web services hosted n the USA. DR DAS LTD supplied the systems for China as a subcontractor to Sonoma Technology Inc. The Indian installations were supported by an Indian distributor. DR DAS assisted in implementing the data flow to AirNow.

This initial program is considered successful. enough to warrant expansion. On Feb 18th Secretary of State John Kerry announced the United States will expand air-quality monitoring at some overseas diplomatic missions. The goal is to increase awareness of the health risks of outdoor air pollution, which easily spreads across borders.

The program is intended to help United States citizens abroad reduce their exposure to pollution and to help other countries develop their own air-quality monitoring through training and exchanges with American experts, Kerry said.

"We're hoping that this tool can also expand international cooperation when it comes to curbing air pollution."

The program, run in conjunction with the Environmental Protection Agency, will begin to enhance operations in India in a few months. Operations in China will be expanded and new monitoring is planned for Vietnam and Mongolia.

DR DAS will continue to support this program. Currently we are enhancing Ultimate protocols for interfacing with the BAM 1020 Report Back Panel including auto recovery of missed data from the BAM's internal logger. Diagnostics will be recorded to assist in data validation.

News! - Russian Language Support being added to Ultimate

XML REPORTER 3.0 PASSES FIRST BETA TESTS

In late March and early April a new version of XML Reporter began beta testing of changes needed to support use of Schema 3.0 for the AQS data flow. Successful initial tests were done with WA Dept of Ecology. These tests focused on the new quality records that replace the RA and RP submissions. The following 6 records are included in the beta release:

- 1-Point QC
- Annual PE
- Flow Rate Verification
- Semi-Annual Flow Rate Audit
- PMc Flow Rate Verification
- PMc Semi-Annual Flow Rate Audit

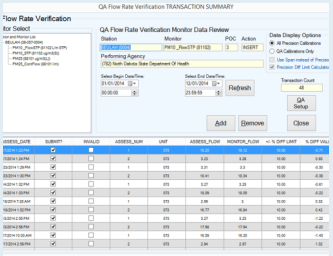
Additional features being added include:

- Tracking of Submittals, Errors and Ready to Resubmit Status.
- One Click resubmittal of corrected records
- CDX submittal for AA, MA and MB record types
- Revisions to XML Reporter's database of Metadata for revised Site/Monitor records. (MM, MN, MO, MX, AD, AE and MP)

Upgrades of existing XML Reporter installation are being scheduled starting mid April. The upgrade process includes revisions to the main Envista ARM database. Orientation and training of agency staff performing AQS/CDX submittals is being done during each upgrade and a webinar is planned for mid May.

XML Reporter

- **Upgrades for Existing Installations are Being Scheduled Starting Mid April**
- **Webinar Scheduled for May 13.**



Webinars Scheduled for 2nd Quarter

Twice a month DR DAS offers webinars to cover "How To" and "Best Practices". Webinars also cover new features and product releases. Customer suggestions are very much appreciated.

The first webinar this quarter will be: Reports/Tools - Questions and Answers on Gaseous Pollutants. It will be hosted by Nathan Downs on April 15.

The next webinar is April 29. It will cover Envidas Ultimate Reporter - Focusing on Operational Data to Assess Instrument Issues. The host for this webinar will be Randy Smith.

May 13 Andrew Montz will present "XML Reporter Upgrade Supports Schema 3.0". This will cover changes to QA record submittal and new features like tracking of resubmittal requirements and submittal of additional records types for Site/Monitor metadata.

We are looking for topics for May 27, June10 and 24. If you have an idea for a future webinar please contact Bridgette at Bridgette@dr-das.com and she will be more than willing to include the topic in the general webinar schedule . Or for very specific requests she can schedule a webinar just for you.

All webinars are available for viewing and posted on our website www.dr-das.com under **Support > Past Webinars.**

Scheduled Webinars

April 15th - Envista Reports/Tools for Q &A on Gaseous Pollutants

April 29th - Envidas Ultimate Reporter Operational Data Assessment

May 13th - XML Reporter Upgrade Supports Schema 3.0

DR DAS
environmental data flows

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Your Prescription for Quality Data.

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DR DAS LTD is a Veteran owned, Ohio small business. Established in 1996 we have been the exclusive North and Central American distributor of Envitech Ltd. products since 1997. Envitech Ltd. is the leading global supplier of continuous environmental data collection monitoring software called Envista Air Resources Manager (ARM) As the North American distributor for Envitech Ltd for 15 years, DR DAS has assisted many organizations in the process of modernizing their monitoring operations through implementation of Envitech software.

Business activities support modernization of monitoring programs in the environmental, safety and quality domains. The solutions offered by DR DAS leverage advances in IT and instrumentation to offer its customers software tools, service and training that reduces operations and maintenance costs while enhancing data quality. We also develop additional software components (Add-Ins) to meet Federal, State and local requirements of our customers if these specific features are not available within the Envista system.

Projects undertaken by DR DAS LTD can be in any application involving data collection, analysis, modeling and reporting. Monitoring project experience includes Ambient Air, Meteorology, Emissions, Water, Noise and Radiation

Whether your organization is considering a network overhaul of just needs to accomplish a special project our staff have the experience and knowledge to assist. Because we work every day with the instrumentation used in environmental monitoring we are the best equipped resource to answer the questions related to instruments and their communications and data acquisition capabilities. Our extensive library included all product manuals, support software and 100's of Tech notes and White papers that can assist the monitoring community.

New Member of the DR DAS Staff

Bridgette Lutz is the latest addition to the DR DAS family. She has a strong background in IT, Graphic Design and Photography. Additionally, her personal interests in the environment and social responsibility makes her an excellent addition.

At present she has been in rigorous training with Nathan Downs and Randy Smith learning the different intricacies and common issues with the Envitech software and how to solve them. She has been absorbing things like a sponge and has made great headway.

Currently, her responsibilities include re-writing manuals, creating new tech notes, scheduling webinars, updating the website and answering phone calls and e-mails.

In addition to her current responsibilities she has also taken the lead in utilizing our Social Media Sites, Designing different documents, Updating our Website and heading up an evaluation of MaintainView. Her background in photography and graphic design have lent themselves well to these endeavors.

Bridgette has also shown a great interest in getting DR DAS involved within the community. Most recently she has scheduled a Garage Sale and looks to get us involved with some community service in the future.

Bridgette's hobbies include a wide range of things such as phones, computers, graphic design and photography. She also enjoys forests, camping (without technology ironically) and swimming. She is a Club Soda addict and can be bribed with Salazon Chocolate.

Bridgette's short term goals are to continue learning the Envitech software until mastery and being able to efficiently help anyone who calls in with a problem.

Her long term goals include taking over our Crest project and possibly even coding in the future.

REMINDER

DR DAS LTD Policies

EOS for EnvidasFW

1. Technical support for the use of EnvidasFW will be extended through June 5 2016. Sales, enhancements, bug fixes and special upgrade pricings end June 5 2015 as defined in the Envitech announcement.

2. A limited number of Ultimate upgrades will be purchased by DR DAS prior to June 5, 2015 for customers needing additional time to obtain funding. Please contact us to discuss your circumstances.

3. Technical support will be provided to assist customers in their migration to Envidas Ultimate.