INTRODUCING: NETDAHS EDGE™ SOFTWARE V9.4

NEW VERSION OF B&W'S PROPRIETARY DATA ACQUISITION HANDLING SYSTEM SOFTWARE NOW AVAILABLE

We are proud to announce the official release of NetDAHS Edge™ software version 9.4. This new version includes many new features, including an all-new Monitoring Plan application.

▸ *Read more on page 2*

Delivering Solutions

As we spring into 2017, Babcock & Wilcox is excited to be releasing our newest KVB-Enertec software update: NetDAHS Edge version 9.4. While the final software testing was underway, we took the opportunity to also make changes to our organization structure. We developed new functional groups and strengthened our commitment to quality for one ultimate goal: to improve the customer experience.

One of our first priorities was to enhance our Project Management department and processes. Project Managers will now be engaged in any project activities as soon as a customer need is identified, and will stay involved with the project through customer acceptance.

The Quality department will apply greater control to processes, designing better methods for tracking hand-offs and collaborative steps between functional departments.

We've also taken the opportunity to refocus our software development as we roll out key product improvements to NetDAHS. We have identified opportunities for better notifications of CEMS data status to make sure your compliance is verifiable at any time. We are also creating better accessibility to your data so any data aggregation needs will be easy and intuitive.

Our leadership team is excited about our new organization, and we remain committed to being your partner in all areas of air emissions monitoring and compliance. We have many years of experience in all areas of air emissions compliance as a solutions provider, overseeing compliance as end users and working with regulatory agencies.

Key members of our leadership team include:

- Patrick Leming, Acting General Manager
- Joel Millard, Project Management
- Ed Wentling, NetDAHS Edge Development
- John Downs, Regulatory Dept. Manager
- Bill Montag, Software Support
- Ken Korzun, Proposals
- Sergey Borisonnik, Aftermarket Services
- Debbie Knoebel, Operations Manager
- Mike Moffitt, Production Manager

Visit us at the 2017 EPRI CEMS User Meeting
May 9-11
Social Event: May 9

Join us for a Texas-sized party, featuring music, hors d'oeuvres and beverages. Tuesday, May 9, 5-8 pm. Sheraton Dallas Hotel - Kitchen Garden Room (Lobby Level).

NetDAHS Edge version 9.4 is here!

We are pleased to announce the official release of NetDAHS Edge version 9.4. This update represents tremendous innovation in data acquisition and handling systems – truly designed for and driven by our customers. We value the time you contributed to collaborate with us at events such as the Ultimate User Assembly (UUA), and we believe that this new version will meet the needs identified, and more. Beyond the latest updates to comply with the Q1 2017 release of the EPA's Emissions Collection and Monitoring Plan System (ECMPS), there are several major enhancements to the core product included. The most significant is the launch of our new and improved Part 75 monitoring plan application. Some might say that alone is worthy of its own release, but we aimed higher. So we've included EdgeTrace to take the mystery out of your DAHS's configuration. We also added EdgeHours, the first step in presenting Part 60 hourly data in a separate application.

Monitoring Plan 2.0

NTDAHS was the first of its kind to link the Part 75 monitoring plan to how the QA and emissions data is generated and processed in the DAHS. This application was based on the original RT500 record types, and it was ideal for generating monitoring plan EDR files that could be submitted to the EPA via its Monitoring Data Checking (MDC) software. When ECMPS and XML EDR became active in the late 2000s, we updated the monitoring plan application to accommodate the changes required for XML, but kept the look and feel of the application the same to lessen any learning curve with modified software. Many of you have told us you miss the ability to edit your own monitoring plans and the ability to export or import them in the DAHS. To provide this functionality without requiring a new and separate application, we took ECMPS and incorporated its look and feel into our NetDAHS Edge as Mon Plan 2.0.

Users who know how to navigate ECMPS will know how to use Mon Plan 2.0 right out of the box. We don't perform the same QA checks as ECMPS so you are not bound to quarterly DAHS releases whenever ECMPS changes. The only requirement is that you start with an error-free monitoring plan – if it's good in ECMPS, it's good in NetDAHS Edge too! There is one tab you won't find in ECMPS that you will find in NetDAHS Edge and that's EdgeConnect, a simple, intuitive display of what data channels are used for generating Part 75 data. No more searching for how your DAHS is linked to your monitoring plan. EdgeConnect lays out the entire configuration with pick-lists that only contain relevant channels by subject.

Select customers have been using Mon Plan 2.0 for several quarters with great success.

NetDAHS Edge Version 9.4, continued

EdgeTrace

EdgeTrace originated in the scratchpad from the UUA brainstorming sessions. Users said they needed an easy way to identify all data channels, episodes and alarms without having to call for support to interpret them. Add a few years from when your DAHS was first installed along with some permit changes and the task can be overwhelming. Now you can put descriptions in your own words and share them with any user. Of course, we can still help interpreting what some channels represent.

EdgeHours

EdgeHours also evolved from the UUA sessions. Users like the power and visibility offered by the way hourly data is presented for Part 75 in NetDAHS Edge and wanted something similar for Part 60 parameters. EdgeHours does that and more! It provides an hourly view of your Part 60 data along with a graphical display over time. It is a completely new and separate application from the Part 75 database, so if something changes for one program it doesn't impact the other. Some sources have permits that require pollutants (e.g., CO) to be monitored and recorded as if they were

Part 75 parameters. That means they are also required to utilize the same data substitution routines as NO_x or SO_2 in Part 75. EdgeHours takes care of it all.
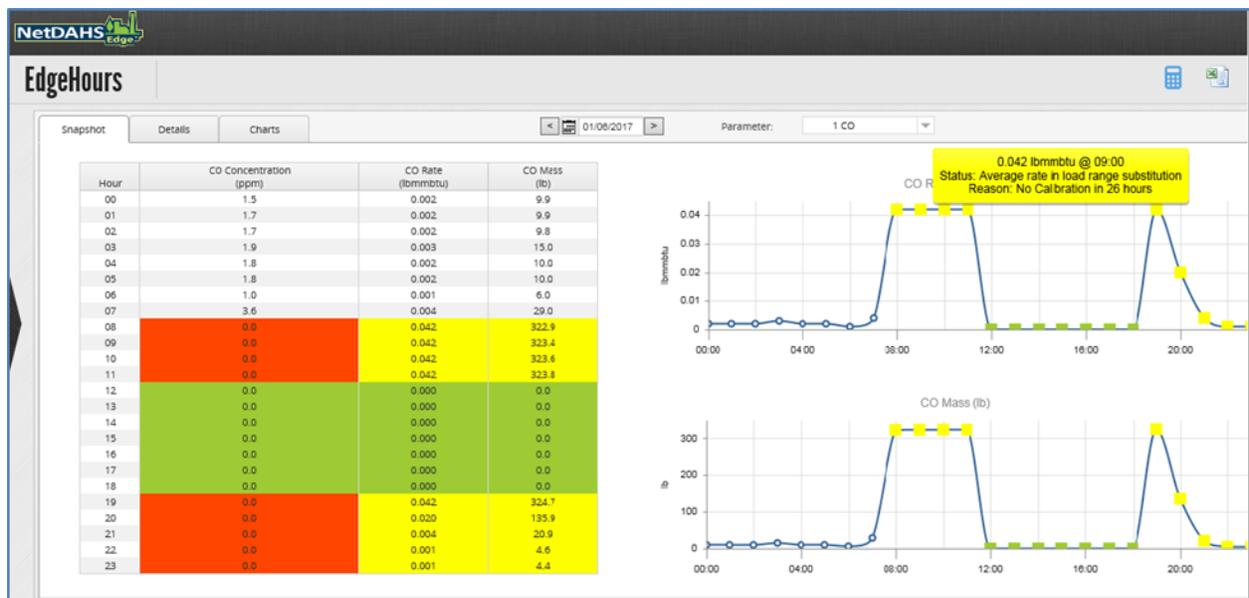
The best part about this new version? Our experts will handle the update of your software for you. We have developed a formal process under our Change Management Program to upgrade your DAHS that has been tested and proven successful. Give our experts in Software Support a call and schedule a v9.4 upgrade today!

Support Hotline:
1-800-582-1670

SEAL (of) Approval

Our state-of-the-art SEAL™ controller — the only data collection device on the market with secure, built-in Wi-Fi capability for remote access to the data — features the latest in CEMS controller technology. As we continue to install units in the field, the positive reviews keep pouring in from around the globe — operators of power utilities in the U.S., small gas turbines in Indonesia, and numerous others. In all cases, our SEAL controller has been proven to be a reliable, intuitive and affordable alternative to the traditional PLC for signal acquisition and control as part of the DAHS.

What distinguishes our SEAL controller is the inclusion of Human Machine Interface (HMI) via the 7-inch color touchscreen. SEAL controllers also include 18 available slots for wiring in analog and digital I/O to accommodate even the most demanding CEMS applications with one unit. The intuitive HMI features customizable selection of DAHS channels to view on the multi-page screen showing channel values. It can also be used to start and track calibrations, control CEMS equipment like calibration gas valves, sample pumps, etc. With the 3U rack mount design, the SEAL controller fits easily into existing applications to facilitate smooth upgrades from existing PLC units with Operator Interface Terminals.

SEAL Calibration Tracker

Our upgrade installation process has been streamlined to minimize downtime of the CEMS and DAHS.

Users have found the screens to be simple, clean and useful and the brief introduction by our onsite engineer is typically all they need to begin controlling manual calibrations, watching the calibration progress bars, drilling down into I/O statuses and seeing trending values—all without the need to get on the NetDAHS Edge server!

Connect With Us

⇒ **WTUI Conference, March 19-22, 2017, South Point Hotel & Spa, Las Vegas, NV**

⇒ **NAES Environmental Conference, April 3-7, 2017, Double Tree Hotel, Palm Beach Gardens, FL**

⇒ **Source Evaluation Society Conference, April 9-14, 2017, JW Marriott, Tucson, AZ**

⇒ **EPRI CEMS User Group, May 9-11, 2017, Sheraton Dallas Hotel, Dallas TX**

⇒ **NetDAHS Edge Ultimate User Assembly, September 2017, Details TBA**

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