



FEATURE ARTICLE

ESC | CIMVision – GHG Manager for MRR Available Now!

We were excited to debut ESC|CIMVision - GHG Manager for MRR at the Energy and Environmental Conference (EUEC) held at the beginning of February in Phoenix, Arizona. After several months of hard work and development, we were pleased to see how well it was received and to hear all of the positive feedback from trade show attendees who participated in the demo.

So what are a few things we're hearing about the ESC GHG Manager for MRR?

- I was impressed by all of the innovative features and the ease of use.
- The interactive dashboards which display CO₂e emissions by year, source and month make snap decisions easier.

If you weren't able to attend EUEC and participate in the demo, what should you know about the ESC GHG Manager for MRR? It is a best-in-class, comprehensive solution for the following:

- Consolidation of all GHG data – The ESC GHG Manager collects and consolidates CEMS and Non CEMS data across your enterprise to provide 100% of the CO₂e required under the MRR.
- Management of GHG monitoring methodologies – Using dropdown menus, the ESC GHG Manager for MRR allows you to manage methodologies by selecting the methodology and equations while a simplified editing process, pick lists, drop down menus and data entry fields allow users to easily maintain GHG methodologies.
- Storage of GHG monitoring configurations – The ESC GHG Manager for MRR provides secure, on-site access to your monitoring configuration, making this information available nonstop should you need to reference it or have it available for an EPA audit.
- Creation of GHG compliance reports – The ESC GHG Manager for MRR processes required data needed for annual GHG MRR reports and allows you to export the annual GHG report in XML format.
- Tracking of GHG emissions – Not only can you track CO₂e, CH₄, N₂O and CO₂, but the ESC GHG Manager for MRR also provides access to CO₂e accumulation data using dashboards and reports, and allows you to filter CO₂e accumulation totals by enterprise, facility, plant or unit.

With the deadline for GHG Monitoring Plans in one month, dozens of plants are already in the implementation phase. It's not too late to get started so contact your Senior Account Executive today for more information on the ESC GHG Manager for MRR.

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From the Desk *of the* President



To no one's surprise, Greenhouse Gas (GHG) was the prevalent discussion topic at EUEC this year. Most of the presentations focused on GHG, as did most of the exhibits. It is interesting to see how many new companies have emerged touting GHG as their area of expertise but with no significant background in

our industry. Most of these companies seem sure that the GHG issues that we will face are so specialized that their lack of specific industry knowledge will not be a problem. I strongly believe it is the other way around. A well founded understanding of the industry is essential to addressing any special compliance issues related to GHG or any other emission. At ESC, we are again listening to you, our users, as we support the implementation of your response to the GHG Mandatory Reporting Rule.

We all know it is an important focus in our future, but the key question is, "how much of a focus do I need to give GHG emissions monitoring at this time?" We have scheduled several webinars to provide you with the background on the GHG Mandatory Reporting Rule and the activities involved in responding to it. We also take a closer look at the big picture including precautions that you might want to take when analyzing the data prior to its submission to EPA or existing voluntary programs. For more information on these webinars, including schedules, contact ESCU|University at escu@envirosys.com or 865.688.7900 x1200. Remember, April 1st is the deadline for developing your GHG Mandatory Reporting Rule Monitoring Plan.

Jack R. Missimer Ph.D., P.E.

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From the Desk of the CTO

Mark Shell

ESC|StackVision Version 3.0 is now available!

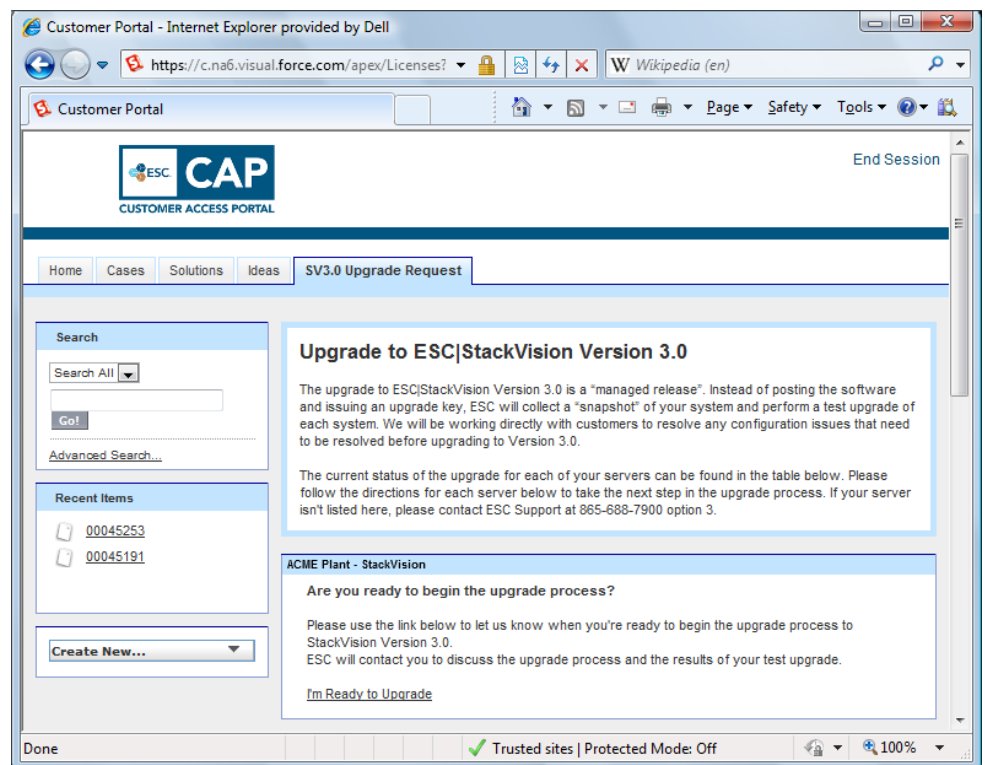
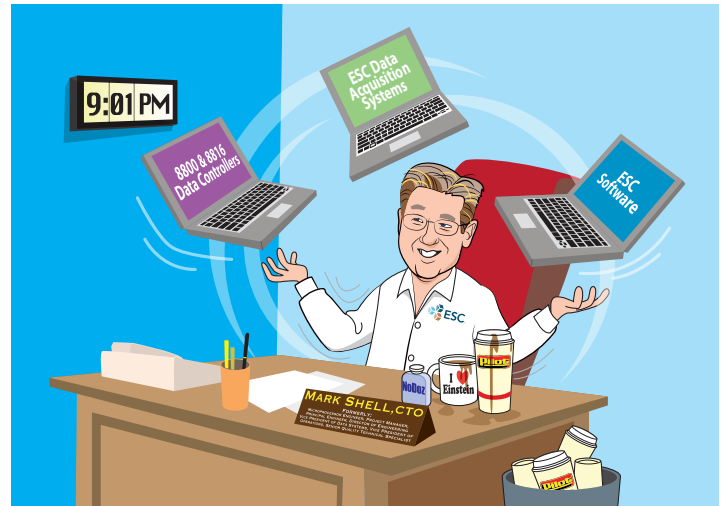
With greatly improved configuration tools and a revamped configuration structure, StackVision Version 3.0 sets the stage as ESC continues to invest in our flagship product in 2010.

With January reporting “in the books,” February is a good time to upgrade to StackVision Version 3.0. In order to ensure that the upgrade to 3.0 will be as smooth as possible, we will take a more active role in the release process. We are gathering “snapshots” of your database, and will perform a test upgrade on your configuration and your data to make sure that your system is ready for the upgrade to StackVision Version 3.0.

In order to upgrade to StackVision Version 3.0, you need to take the following steps:

1. Work with ESC’s QA group to obtain a snapshot of your system’s database and send it to ESC via an ESC-provided portable hard drive. We will contact each customer as the portable hard drives are circulated. If you have not been contacted, please send an email to stackvision@envirosys.com.
2. Make sure that you have Microsoft® Silverlight 3 and Microsoft® Internet Explorer 7 or 8 installed on all workstations that need to run ESC|StackStudio. In StackVision Version 3.0 only StackStudio requires Microsoft® Silverlight 3 and Microsoft® Internet Explorer 7 or 8. However, future StackVision releases or Service Packs are likely to require Microsoft Silverlight 3 and Internet Explorer 7 or 8 (see <http://envirosys.com/esc/svsupport/archive/2009/08/11/TILSV081009.aspx> for more information).
3. If you are interested in the status of your upgrade, you can access the Customer Access Portal (CAP) and click on the “SV 3.0 Upgrade Request” tab to view the current upgrade status and next steps for each of your StackVision systems.
4. **IMPORTANT STEP** – Once you have sent in a snapshot of your system, you must use the “SV 3.0 Upgrade Request” tab in CAP to indicate that you are ready to proceed with the upgrade. You can take this step as soon as we receive your snapshot. Your upgrade process will only begin once you have indicated your readiness via CAP.
5. We will contact you once the snapshot of your database has been tested. The ESC Support group will work with you to resolve any configuration issues. Once the configuration issues have been resolved, you will receive an upgrade.

Should you have any questions, please contact ESC Support at 865.688.7900 x3, via email at support@envirosys.com or by accessing CAP.





Follow the Footprints to CEMS Success with ESC | University

During February, ESC|University worked in conjunction with our knowledgeable Regulatory Specialists to help you answer a very important question: “What’s your carbon footprint?” In several of our past Tuesday and Thursday webinars, our Regulatory staff provided a forum for discussing the best practices for assessing that footprint and for meeting the pressing need to comply with several impending Mandatory Reporting Rule deadlines. Together, we created a virtual path toward actualizing compliance.

These GHG MRR Compliance webinars complemented the new weekly product update webinars during which we highlight our new, exciting products.

- On Mondays and Fridays, we explored the implementation and practicality of the ESC|CIMVision solutions. The ESC Monitoring Plan Builder helps centralize and automate all Permit compliance, and the ESC GHG Manager for MRR ensures successful compliance with the GHG MRR.
- On Wednesdays, we outlined the procedures for upgrading to StackVision Version 3.0. We were pleased to provide these webinars as a means to keep you continually informed of new demands placed on, and new solutions ESC has contributed to, the industry.

Many of our March training options will continue to focus on regulatory issues.

- We will host a Regulatory Updates webinar on March 2
- We will present the GHG MRR Compliance webinar on March 23
- We will also host several courses in Knoxville during March including:
 - Deciphering Your Permit Workshop on March 2
 - Data Review and Validation with ESC|StackVision Workshop on March 3
 - CEMS New User with ESC|StackVision Class on March 9-10

For those of you who are located in the Southeastern United States, as well as for those of you who need to attend training in a setting with fewer interruptions and distractions than your home location, we are pleased to bring our Regional Training series to Orlando, Florida during the week of March 22. Don’t miss the following courses:

- Data Management and SQL Database Administration for ESC|StackVision Class - March 22-23
- CEMS New User with ESC|StackVision - March 23-24
- Data QA/Certification with ESC|StackVision - March 25-26

What can you look forward to from ESCU during the Spring? April will continue to be busy as we’re planning to bring our Regional Training to Salt Lake City as well as continuing our aggressive training schedule in Knoxville and maintaining our webinar offerings. We’ll also be offering more Regulatory, reporting and SQL-based courses, so stay tuned!

January Technical Information Letters (TILs) Recap

TIL SV-10582 PADEP Custom Process Codes

Posted on 1.11.10

The purpose of this TIL is to alert customers subject to Pennsylvania DEP (PADEP) Rev. 8 reporting that versions of ESC|StackVision through 2.4 SP6 do not support customer Process Codes.

To read the complete TIL, please visit:

<http://envirosys.com/esc/svsupport/archive/2010/01/11/TILSV10582.aspx>

ESC Support – Streamlining Support Communications

In today's digital age, each of us receives an overwhelming amount of information on a daily basis. Recognizing that your time is valuable, we are undertaking an initiative to streamline our communications with you. Specifically, we are looking for ways to ensure that each communication delivers information which is valuable and actionable. Also, we are looking for ways to deliver this information in a concise and efficient manner.

Over the next few months, we will focus on streamlining our use of email communications to deliver to you valuable and actionable information related to your Support Cases, emerging or frequently used Solutions, and new or high activity Ideas. To deliver this information in a concise and efficient manner, we are going to remove the use of fluff (generic language) in repeated communications and focus our content solely on conveying any new and specific information that may be valuable to you.

To facilitate your ability to take action on this information, we are going to provide hotlinks within these emails to take you directly to the specific Case, Solution or Idea record in the Customer Access Portal (CAP). To accomplish this, we will be modifying our website security protocols and sending you an email with instructions on how to update your user name and password as required.

Please watch for the upcoming email regarding changes to our website security and then begin looking for streamlined Support communications related to Cases, Solutions and Ideas. Thanks again for continuing to provide us with the input that we need to deliver greater value to you.

ESC | FleetVision Version 2.2 – Available in March!

ESC is very excited about the upcoming release of the next version of ESC|FleetVision. Available in March, FleetVision Version 2.2 contains several enhancements including:

- The ability to authenticate Active Directory
- The ability to enter data (manual entry and importing of data) that did not originate on a DAS
- The ability to store all, as opposed to only up to 1 hour averages, of the long term data averages available in ESC|StackVision including Summary Value Data
- The addition of Reason Codes, Action Codes and other quality flags such as Startup and Shutdown as part of the information transfer from StackVision to FleetVision
- The ability to transport data from two ESC|StackVision servers with the same ORIS number

If you're responsible for a fleet of plants and haven't taken advantage of FleetVision yet, contact your Senior Account Executive today to learn more about how FleetVision can automate your CEMS data aggregation and save you time!

ESC | CIMVision GHG Manager for MRR Available Now!

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- 1** January 1, 2010 – monitor with BMM
- 2** April 1, 2010 – must use required monitoring methods and GHG MRR Monitoring Plan due (unless extension was granted)
- 3** January 27 and March 31 – all must use RMM

We realize how overwhelming the new GHG reporting requirement is, but we're here to help. With several deadlines coming up over the next year, you can't afford to be unaware and wait until the last minute. That's why we have created the GHG Mandatory Reporting Rule Timeline, providing an easy way for you to stay informed of all the dates which you must meet to comply with the MRR. The next deadline is April 1 so you don't have much time! Contact your Senior Account Executive today to find out how ESC can ensure your compliance with the MRR.

Looking for other helpful GHG-related information? Make sure you visit the GHG Junction on the ESC website (Support > GHG Junction) for helpful GHG-related information.