



Another successful User Group meeting is under our belts. I want to thank everyone who was able to make it to Las Vegas. I hope that you found the meeting informative and productive, and were able to enjoy all that Las Vegas has to offer. We debuted several new additions at this past User Group, including Roundtable discussions and the "Ask ESC" one-on-one sessions. I hope that you were able to take advantage of these new opportunities and found them to be helpful. I want to extend a special thanks to NV Energy for being the host utility of the Fall 2010 User Group, and I also want to thank everyone who gave a customer presentation as the attendees indicated how much they liked this aspect of User Group.

## From the Desk *of the* President

Before you know it, we will be celebrating the New Year and with that comes GHG reporting. With deadlines quickly approaching, GHG issues were a big topic at User Group with several sessions dedicated to this particular subject. If you weren't able to attend User Group or even if you did attend but still have questions, please don't hesitate to contact us. There's not much time left so contact ESC today and let our Regulatory experts ensure that you're prepared.

I want to wish everyone a safe and happy holiday season. As always, let me know how we are doing!

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



It's that time of year again and the holiday season is upon us. Between all of the holidays and the year end work, everyone is feverishly wrapping up 2010. Because this time of year is so busy, we have combined our November and December issues of the ESC newsletter, but don't worry, the newsletter will return in 2011 with the January edition.

ESC would like to wish everyone a safe and happy holiday season. We appreciate your business and partnerships, and are looking forward to working with you in 2011 and beyond.

*Happy Holidays*

FROM ESC

### IN THIS ISSUE

2 From the Desk of the CTO

3 Product Development Recap

3 Spring 2011 User Group

4 ESC University

4 ESC Support

5 Tips & Tricks

5 October TILs Recap

## From the Desk of the CTO

Mark Shell

For those of you who were unable to attend the Fall 2010 User Group in Las Vegas, we discussed several important ESC|StackVision items.

### ESC|StackVision Version 3.0

Over 500 StackVision servers have been upgraded to StackVision Version 3.0. If you have not yet upgraded to Version 3.0, you need to do so as soon as you can. StackVision Version 2.4 code support and updates ended on September 30, 2010.

### Microsoft® Windows and SQL Server Support

ESC support for Windows XP will end on December 31, 2010, and on March 31, 2011, for Windows Server 2003 and SQL Server 2005. In addition to Windows Server 2008 (32-bit and 64-bit) with SQL Server 2008, StackVision now supports Windows Server 2008 R2 with SQL Server 2008 R2.

### Data Controllers

ESC reminded everyone that as of April 1, 2010, ESC no longer supports the 8816 Data Controller. We re-emphasized that there are no plans to obsolete the 8832 Data Controller – it will be supported into the foreseeable future. There are no plans at this time for an 8864 Data Controller.

### ESC|StackVision Version 3.1

We saw a preview of several new features due out in StackVision Version 3.1:

- **Opacity Tests** – Opacity calibration error tests, response time tests and averaging period tests were added based on 40CFR60 Appendix B, PS-1. The new feature area is consistent with the existing RATA and Linearity areas, including simple data entry, on-screen calculation of test results and a summary screen for all tests. A new report allows the test results to be printed.
- **LogBook** – The LogBook feature area has been completely reworked. It incorporates improvements driven by input from our customer-based Technical Advisory Group (TAG) for LogBook, including a brand-new User Interface, the ability to record an event date, improved export to Excel, an improved report, better handling for a large number of records, and the ability to store file attachments and screen captures. We were also able to improve the load time and added the ability to sort and filter the LogBook entries – we even added spell checking.
- **RATA** – Improvements to this feature area include the import of XML QA/Cert files for adding new RATAs, additional Reference Methods for SO<sub>2</sub>R and improved handling for Permit RATA criteria, including regulatory support for PS-4A and PS-4B.
- **Other Feature Improvements** – Additional StackVision areas receiving enhancements include DataLab, Data Management, Consoles, ProcessNow, Condition Manager and a new Controller Toolbox specifically designed to manage the interactions with the 8832 Data Controller.
- **Reports** – We added a new “Max Value by Interval” report, as well as improved the Average Data report, and the Opacity Exceedance Event and Duration reports.

### Beyond ESC|StackVision Version 3.1

The next items on the schedule are revisions to support the regulatory changes for Air Emission Testing Bodies (AETB) and the Protocol Gas Verification Program (PGVP), along with work on ProcessNow and support for Particulate Matter reporting.

### More Information

To see additional details on all of these topics, go to the ESC website and download the User Group presentations which are available at: [http://envirosys.com/media/g/fall\\_2010\\_las\\_vegas\\_presentations/default.aspx](http://envirosys.com/media/g/fall_2010_las_vegas_presentations/default.aspx)



## Product Development at the Fall 2010 User Group

The Fall 2010 ESC|FleetVision User Group meeting was held on Wednesday, November 10, in Las Vegas. The agenda included a technology update, a review of FleetVision Version 2.2 which is currently being used by all FleetVision users and a preview of FleetVision Version 2.3. Were you unable to attend the FleetVision User Group but interested in the material presented? You can download the full presentation from the User Group section of the ESC website.

After the technology update and review of FleetVision Version 2.2, we previewed the highlights for the upcoming FleetVision Version 2.3 release. Due out before the end of the year, it includes improvements to the following feature areas:

- Report Enhancements
  - Actuals vs. Projected
  - Average Data
  - Stack Emissions
  - Security Configuration
- Performance Improvements
- ESC|StackVision Connection Status
- Online Help
- Parameter Enhancements for Rates and Operating Time

Over the past few years, we have heard your concerns about release management. In that regard, the timing of StackVision and FleetVision releases will be coordinated so that regression testing can be completed on all potential platform combinations. Release Notes will provide information on recommended upgrade procedures for both products.

We continue to seek your feedback when it comes to ESC offerings and will be announcing the activation of additional Technical Advisory Groups (TAGs). Be on the lookout for information via email and on the ESC website in the upcoming months. In addition, all TAGs will remain active after the release of the targeted feature area becomes available so that TAG members will have the ability to provide final input and requests.

Thanks to all of you who joined us for the FleetVision User Group and made it another successful event. We're looking forward to the next FleetVision User Group which will be held at the Spring 2011 User Group in Nashville, TN. We hope to see all of you there!

## From Sin City to Music City!

ESC is excited to host the Spring 2011 User Group in Nashville, Tennessee - AGAIN!

While music is the lifeblood of Nashville, visitors can also find a city full of culture, great southern food and history. If you attended the Spring 2008 User Group held in Nashville, you know what you have to look forward to – if you weren't able to make it in 2008, here is your chance to experience all that Nashville has to offer.

Did you know that Travel + Leisure magazine and CNN Headline News ranked Nashville as the second most affordable city and the fourth friendliest city in 2008 in a survey that asked travelers to rank the 25 top U.S. cities in 45 categories, ranging from food and shopping to people, culture, nightlife and more?

Details and more information will become available in the upcoming months on the ESC website (<http://envirosys.com>) so be sure to check it regularly.

## ESC | University User Group Training Series Recap

We would like to thank everyone who participated in the courses that we offered at the Fall 2010 User Group in Las Vegas. ESC|University was very excited to host 29 participants in the Using ESC|StackStudio Class which is one of the largest courses we have conducted. Feedback from participants is an important piece of our curriculum development and with such a large turnout, we hope to hear your opinions on this offering, if we haven't already. Your opinions are essential to us as we use them to refine and hone our classes in order to meet your needs with regard to course objectives, content, activities and delivery. If you didn't have a chance to provide feedback while at User Group, you can do so by emailing [escu@envirosys.com](mailto:escu@envirosys.com).

We are looking forward to incorporating some of your advice into future courses such as the need for more challenging activities, placing more emphasis on the product features which are not so obvious and evaluating course content. Which courses would you like to see offered at the Spring 2011 User Group in Nashville? Email us at [escu@envirosys.com](mailto:escu@envirosys.com) and let us know which learning opportunities would benefit you the most. Do you prefer that we offer courses in the days before or after User Group? Although planning for the Spring 2011 User Group has already begun and courses will be provided in the days before User Group, be sure to let us know so we can plan for the future!

Want to make sure that you're prepared for 2011? Join ESCU for the following courses in January:

- ESC|StackVision Administration Webinar – January 6
- Roadmap to Reporting Using ESC|StackVision and the ECMPS Client Tool – January 10-14 (Knoxville, TN)
- Data Controller Status Menus Webinar – January 20
- CEMS New User with ESC|StackVision Class – January 25-26 (Knoxville, TN)
- Data Review with ESC|StackVision Workshop – January 27 (Knoxville, TN)

For a complete listing of all ESCU courses and their descriptions, please visit <http://envirosys.com/escuniversity/classdescriptions.aspx>.

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## ESC Support – What's Next?

At the Fall 2010 User Group, we reviewed Support's current initiatives and announced that we were going back into "listening mode" so that we can determine what is most important for the Support organization to focus on next. We want you to have an outstanding Support experience every time and, as a result, make your job easier. Our current areas of focus which we garnered from your feedback are:

- Timeliness
- Accessibility
- Solutions
- Quality
- Communications

For more details about the different areas, see the Support presentation which is available on the User Group section of the ESC website. Didn't have a chance to give us your feedback? Don't worry! Feel free to contact Rachel Morgan at [rmorgan@envirosys.com](mailto:rmorgan@envirosys.com) to provide your opinion on where we should focus our efforts. We look forward to hearing from you!

## And the winner is...

ESC would like to thank all of you for attending the Fall 2010 User Group in Las Vegas. Be sure to check to ESC website (<http://envirosys.com/newsevents/usergroupregistration.aspx>) for the latest post-Fall 2010 User Group information including survey results, final presentations and more! Congratulations to Melissa Rhodes from PowerSouth Energy Cooperative for completing the User Group survey and winning the \$25 Visa gift card. We would like to thank everyone who took the time to complete the survey as User Group feedback is always helpful and welcomed. Thanks for another successful User Group!

# Tips and Tricks

## ESC | StackStudio

### Using the Update Feature

When using ESC|StackStudio, remember to use the Update feature often. The update feature will check the configuration that is open in StackStudio for changes that have been made and will update corresponding configuration pieces.



### Group By Options

ESC|StackStudio has the ability to organize configuration editors in groups according to any field in the editor. For example, on the Parameters editor, you can group by Parameter Group. These settings are in the Ribbon under View.



### Planning for the Future

Now is the time to be planning for your upgrade or migration to Microsoft® Sever 2008 and SQL Server 2008. This process will involve the IT, CEMS, corporate, financial and other groups throughout your organization. Involve those groups and others as needed in your planning process for the upgrades/migration. Having a plan with clearly defined roles and responsibilities and a realistic timeline are the keys to successful upgrade/migration.

Source	Name	Channel	Description
False (43 items)			
True (18 items)			
UNIT01	CO2QA	LOG01 (35)	Reported Co2 percent Quality Assured
UNIT01	CO2TQABI	(None)	CO2 TONS/HR w/bias applied, EDR Value
UNIT01	FLOWQA	LOG01 (36)	Stack Flow reported Quality Assured
UNIT01	FUELFACT	LOG01 (39)	Calculated fuel factor
UNIT01	HEATOABI	(None)	Heat Input w/Bias applied, EDR Value

## October Technical Information Letters (TILs) Recap

ESC did not post any TILs during October. Be sure to check the January edition of the ESC newsletter for a recap of TILs posted in November and December.

For a complete list of all StackVision TILs, please visit: <http://envirosys.com/esc/svsupport/archive/tags/TIL/default.aspx>.

For a complete list of all FleetVision TILs, please visit: <http://envirosys.com/esc/supportfv/>.