



## FEATURE ARTICLE

## Getting Ready for the Mandatory Reporting of GHG Emissions

Important deadlines for compliance with EPA's Greenhouse Gas (GHG) Mandatory Reporting Rule (MRR) are just around the corner!

Sources subject to the GHG MRR must report their GHG emissions to EPA using a new web-based system known as e-GGRT (stands for the "Electronic Greenhouse Gas Reporting Tool"). The web-based system will support both web form reporting and 'bulk file' uploads of data. Regardless of how one chooses to report, all users must complete the user and facility registration process in e-GGRT to meet the January 30, 2011, deadline for submitting Certificates of Representation. The registration process is scheduled to begin in the fall of 2010.

The deadline for reporting 2010 GHG emissions is March 31, 2011.

For more information, go to

<http://www.epa.gov/climatechange/emissions/data-reporting-system.html>.



### EPA Posts e-GGRT Training Schedule

Training webinars were recently added to EPA's "Greenhouse Gas Reporting Program" website to provide information on the electronic GHG reporting tool (e-GGRT) that is being developed to support the MRR. These webinars will provide information to users on the registration process, the designated representative, how to use the web forms, and other topics associated with e-GGRT. All webinars will start at 1:00 pm and end at 2:30 pm EST. Webinar dates are listed below.

- October 6
- October 20
- November 3
- November 17

For more information or to register for a webinar, go to

<http://www.epa.gov/climatechange/emissions/training.html#eggtr>.

## From the Desk *of the* President



It's been nearly three months since our last ESC Newsletter and even though summer is winding down, our focus is not. Since then, we have launched ESC|FleetVision TAGs, created the Customer Success Program, made several

internal staffing changes in order to optimize your experience with us, revamped our webinar offerings and more. Even with all of that accomplished, we're not stopping there.

The remainder of 2010 is promising to be just as busy as the first half of the year, and ESC continues to move forward with enthusiasm and our goals in mind. During the second half of 2010, we will continue to add additional functionality to CIMVision, release another version of FleetVision, prepare for 2011 GHG reporting requirements and their implications, and hold the Fall 2010 User Group in Las Vegas. Before you know it, we will be celebrating the New Year and with that comes GHG reporting. Take this time to make sure that you are comfortable with the picture that your GHG data presents of your facility. Data reporting begins on January 1, 2011, so you only have a few more months to get prepared. With a staff full of Regulatory experts waiting to help, don't hesitate to contact us for all of your GHG needs.

Registration for the Fall 2010 User Group is open and I look forward to seeing you there! As always, let me know how we are doing.

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

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## From the Desk of the CTO

Mark Shell

### Don't Get Caught in a Bind - Upgrade to ESC|StackVision Version 3.0

As we discussed at the Spring 2010 User Group, after September 30, 2010, ESC will be making necessary regulatory updates to ESC|StackVision Version 3.0 **only** – not to StackVision Version 2.4. If you are having regulatory issues, you may need to upgrade to Version 3.0. Don't get in a time-box ...upgrade to Version 3.0 at your pace. Don't wait until you have a reporting deadline looming!

### ESC|StackVision now supports "R2"

ESC is pleased to announce that StackVision now supports Microsoft® Windows Server 2008 "R2" and SQL Server 2008 "R2."

StackVision Version 3.0 SP3 and beyond have been tested and are now supported on the Microsoft® Windows Server 2008 "R2" with SQL Server 2008 "R2" platform.

### Have You Upgraded to Microsoft® Windows Server 2008 and SQL Server 2008?

Just a quick reminder that the deadline is fast approaching to move your StackVision server to the Microsoft® Windows Server 2008 and SQL Server 2008 platform. For those of you who are still running Microsoft® Windows XP, you will need to make the move before December 31, 2010. Those systems running Microsoft® Windows Server 2003 will need to upgrade before March 31, 2011.

You can make the move to either the 32-bit or the 64-bit version of Microsoft® Windows Server 2008 and SQL Server 2008 (including "R2") as soon as you are ready – ESC|StackVision Version 3.0 SP3 and later now supports all three Windows/SQL 2008 platforms.

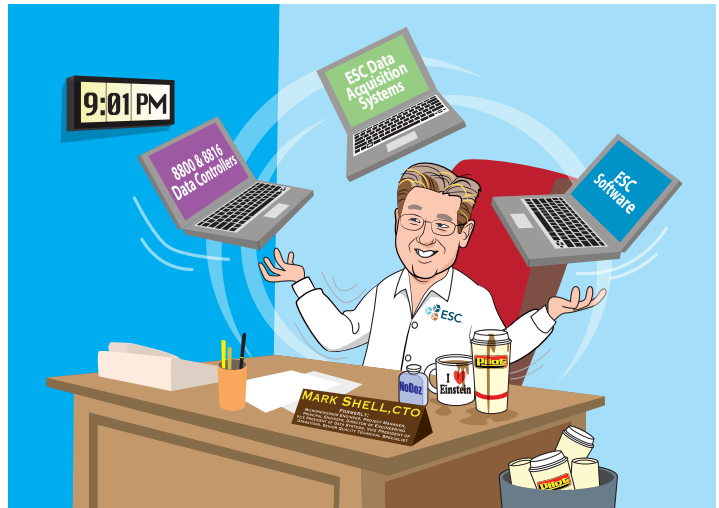
To upgrade to Microsoft® Windows Server 2008 and SQL Server 2008, follow the steps outlined in the June 2010 edition of the ESC newsletter (<http://envirosys.com/media/p/2115/download.aspx>).

### Supported Platforms

The table lists supported platforms for StackVision server software.

|                    | Platform   | Support Ends             |
|--------------------|--|--------------------------|
| <b>Old</b>         | Windows XP, SQL Server 2005 (32-bit)                   | <b>December 31, 2010</b> |
| <b>Old</b>         | Windows Server 2003 (32-bit), SQL Server 2005 (32-bit) | <b>March 31, 2011</b>    |
| <b>Supported</b>   | Windows Server 2008 (32-bit), SQL Server 2008 (32-bit) | -----                    |
| <b>Supported</b>   | Windows Server 2008 (64-bit), SQL Server 2008 (64-bit) | -----                    |
| <b>Recommended</b> | Windows Server 2008, R2, SQL Server 2008, R2           | -----                    |

Please note that the supported platforms are a "set." ESC does not support, for example, SQL Server 2008 R2 running on Windows Server 2008 (64-bit, not R2). When upgrading, you will need to upgrade both the operating system and SQL Server as a pair.



## Product Development Update

Product Development has been very busy since the June edition of the ESC newsletter which means we have plenty of updates.

Over the past few months, the Software Development group has made great progress on ESC|StackVision. StackVision Version 3.0 installations have accelerated and have been well received by the user community. We have also made significant progress in several feature areas including LogBook and Opacity Filter Audits with the priority of feature areas addressed being based on the results from the Spring 2010 ESC|StackVision Dollars. On top of all of this, StackVision Version 3.0 Service Pack 4 is scheduled to launch within the next couple weeks so be on the lookout for the release notes as they will be posted on the ESC website. In other StackVision news, the Fall 2010 User Group will include Technical Breakout sessions on the new functional areas of StackVision.

ESC|FleetVision has several new feature areas that are being enhanced based on customer input. During the Spring 2010 FleetVision User Group, customers expressed interest for additional functionality for equations and reports. You asked...and we listened. Equation work is underway and will be unveiled at the Fall 2010 User Group. We were excited to recently announce the introduction of FleetVision Technical Advisory Groups (TAGs) – with the first TAG being devoted to FleetVision Reports. So far, the FleetVision TAGs have proved to be just as valuable as their StackVision counterparts. The first FleetVision TAG meeting generated many innovative ideas and use cases. We are working to expand the set of base reports offered with FleetVision as well as to evaluate the tools required in order for customers to develop their own reports.

The ESC|CIMVision team is working to provide customers with additional Mandatory Reporting Rule (MRR) compliant solutions and continue to get valuable customer feedback about how users interact with the software. Upcoming enhancements for tracking and attaching required documentation will be an added feature to the MRR module in the near future. Additional subparts are also on the horizon as well as additional operational base reports. We continue to deploy new CIMVision functionality as it becomes available. For more information on new functionality, visit the ESC website and watch the short video clips. ESC|University will also be offering webinars highlighting new enhancements beginning in October so be on the lookout for those.

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## ESC | University Update

ESC|University is still dedicated to offering classes that will provide our customers with supplemental knowledge that will help make you more proficient in your job. One way we are striving to accomplish this task is by offering additional webinars. These courses cover an array of different topics including: Data Controller features, feature areas in ESC|StackVision and ESC|CIMVision, and Data QA review tips. Additionally, we will keep you abreast of the constantly changing regulations via our periodic Regulatory Updates webinar conducted by one of our Regulatory Specialists.

Along with the webinars, ESCU will continue to offer the courses you've expressed an interest in taking. Our upcoming course schedule is as follows:

- **CEMS New User with ESC|StackVision Class: October 19-20**
- **Data Management and SQL Database Administration Class: October 21-22**
- **Basic Part 60/75 Regulations Class: October 25-27**

Don't forget about our User Group training offerings which will be held in Las Vegas at Caesars Palace on November 6, 7 and 8. Make the most out of your trip to Las Vegas by attending the courses below:

- **Data QA/Certification with ESC|StackVision Workshop: November 6-7**
- **Data Review with ESC|StackVision Workshop: November 8**
- **Using ESC|StackStudio Workshop: November 8**

Contact your Senior Account Executive today for more information and to find out which courses are best suited for your needs. For a complete listing of all ESCU courses and their descriptions, please visit <http://envirosys.com/escuniversity/classdescriptions.aspx>.

## Register for the Fall 2010 User Group in Las Vegas!

ESC is currently accepting registrations for the Fall 2010 User Group which will be held at Caesars Palace in Las Vegas, Nevada. As always, we encourage you to attend User Group so you can remain informed on industry hot topics as well as the latest ESC product and service offerings.

The registration fee for the Fall 2010 User Group is \$350 - but if you register before Monday, October 4th, you qualify for the early bird rate of only \$325 so hurry and book now!

### Having Trouble Justifying Your Trip to the Upcoming User Group?

Now, more than ever, it's important to have concrete details that you can present in order to justify your trip to Las Vegas. Check out our revised agenda, which is available on the ESC website, to find the sessions and information that you need in order to gain approval to attend User Group. In addition to the revised agenda, customize our sample justification letter to fit your specific needs for the meeting.



### User Group Registration Cost and Deadline

**Registration fee: \$325 (early bird special rate) on or before October 4<sup>th</sup>  
\$350 after October 4<sup>th</sup>**

*\*Registration fee includes User Group meeting materials, breakfast, snacks and lunch on Tuesday and Wednesday.*

All registrations must be received **no later than Monday, October 18<sup>th</sup>, 2010**. Please note, the registration fee does not include the price of your hotel stay or ESC|University training classes held at this site.

To register online, please visit: [https://www.regonline.com/esc\\_fall\\_2010\\_user\\_group](https://www.regonline.com/esc_fall_2010_user_group).

(Before you click the link, please copy the Invitation Code: **escfall10**. You will need to paste it into the registration form.)

To register by fax or mail, download the [PDF registration form](#). (You will be asked to log in first.)

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## ESC is Social!



Just a few months ago, ESC launched several social media sites including Facebook, Twitter™, LinkedIn® and YouTube. While we are ecstatic that we have a good number of participants on these sites, it simply isn't enough! ESC Social Media sites are the quickest way to hear the latest ESC news and with User Group coming up in the next couple of months, you won't want to miss a thing. Use our social media sites to connect with others who may be attending the November User Group, receive information on special User Group deals, and be sure to watch our Facebook and Twitter™ pages in the next two months for fun trivia and FREE Las Vegas prizes.

Is your utility a Social Media leader? From what we hear, a few of our customers are! Just a few that we know of are AEP, Duke, Dominion and Salt River Project...Tell us your story. How does your company utilize Social Media? Is it successful? This communications medium is here to stay so we hope you all embrace the technology as we explore this medium together!

# Register for the Fall 2010 User Group in Las Vegas!

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## Accommodations

### Caesars Palace Las Vegas

3570 Las Vegas Boulevard South  
Las Vegas, NV 89109  
Tel: 800.634.6661

All attendees are responsible for making their own hotel reservations. When you call to make your room reservation, be sure to indicate that you are attending the ESC User Group so you can take advantage of our special room rate of \$139 per night. If you prefer to make your reservations online, please visit [https://resweb.passkey.com/Resweb.do?mode=welcome\\_ei\\_new&eventID=2559783](https://resweb.passkey.com/Resweb.do?mode=welcome_ei_new&eventID=2559783)

**Attendees have until Friday, October 1st, or until the low rate rooms fill, to book rooms at the special rate.** We realize that many of you often register for User Group and reserve your hotel rooms closer to the event date. However, we strongly encourage you to secure your hotel room as early as possible. Our negotiated overnight rate of \$139 applies only to standard rooms, of which there are a limited quantity. If you don't want a standard room at the \$139 rate, you have the option to upgrade towers and can do so when reserving your room online or over the phone. For more information on the hotel, please visit <https://www.caesarspalace.com/casinos/caesars-palace/hotel-casino/property-home.shtml>. For a list of towers and their upgrade prices, please see below.

- Forum Tower (Deluxe Room) - \$179/night
- Palace and Augustus Towers (Deluxe Room) - \$199/night

Please note that Caesars Palace has five towers: Forum, Palace, Centurion, Roman and Augustus. The General Session meeting and Registration will be located in Palace I which is in the Palace tower, but your guest room may not necessarily be in this same tower. If your guest room is located in the Palace tower, you can access Palace I from the guest room elevators. If your guest room is not located in the Palace tower, it's a short walk and up two escalators in order to access Palace I. Because the property is very large, we strongly encourage you to familiarize yourself with the property, towers and meeting space before arriving for the meeting. You can do so by reviewing the hotel map located at: [http://www.caesarspalace.com/images/non\\_image\\_assets/CLV\\_caesars\\_palace\\_property\\_map.pdf](http://www.caesarspalace.com/images/non_image_assets/CLV_caesars_palace_property_map.pdf).

## Special Discounted Package for User Group Attendees

As part of our negotiated contract with Caesars Palace, the hotel is offering a discounted optional package for attendees. For an additional \$15 per day, you can add internet access to your guestroom. In addition to guestroom internet access, admittance to the fitness center is also included in this discounted package, allowing attendees to take advantage of a variety of equipment after a long day's worth of meetings.

If you are interested in this package, please email [marketing@envirosys.com](mailto:marketing@envirosys.com) today! In order to make sure that the hotel has ample time to make arrangements, we must know of anyone who is interested **no later than today!**

## Shrimp and Schmooze

Between the casinos, shows, tourist sites and more, Las Vegas has so much to offer on its own. Because we wanted to give everyone an opportunity to enjoy all of Las Vegas, we will not be having a Shrimp and Schmooze at the Fall 2010 User Group. Instead, we encourage attendees to take advantage of all that the city has to offer and bring a colleague or friend along for additional networking time. We will be giving away show tickets, Vegas prizes, Caesars Palace prizes and more so be sure to stay tuned for more information!

## More Information

Continue to check the [User Group section](#) of the ESC website regularly for the latest information, updated agenda, transportation options and registration form for the Fall 2010 User Group in Las Vegas.

## Questions

Should you have any questions, don't hesitate to contact us. Please address all User Group questions to Angie Droz at [adroz@envirosys.com](mailto:adroz@envirosys.com).

**We look forward to seeing you in Las Vegas!**

## ESC Support – ESC|StackVision Version 3.0 Update

The Support group is actively assisting customers through the ESC|StackVision Version 3.0 upgrade process. We are scheduling a time to perform pre-checks for non-ESC|DASProtect Fortress customers as well as installs for DASProtect Fortress customers. If you are not on our schedule, please contact Wes Cassidy at [wcassady@envirosys.com](mailto:wcassady@envirosys.com) to reserve your slot. Remember, there will not be any product changes to the StackVision Version 2.4 release after September 30, 2010.

Once the pre-checks have been completed, we will email you with post-install checks. We highly recommended that you follow these.

Below are some of the most frequently used solutions for the StackVision Version 3.0 upgrade and install as well as ESC|StackStudio.

- [Reports are not visible/displaying in StackVision client](#)
- [Win XP/2003 - Error received launching StackVision client after 3.0 upgrade - cannot connect to required web services](#)
- [Error opening StackVision on server - cannot find file specified](#)
- [How do I import a Monitoring Plan into StackStudio?](#)
- [How do you save changes in StackStudio? Why is the 'Save to Server' option unavailable?](#)

Should you have any questions, please contact ESC Support at 865.688.7900 x3, [support@envirosys.com](mailto:support@envirosys.com) or by accessing the Customer Access Portal (CAP).

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## July Technical Information Letters (TILs) Recap

### TIL SV-85261 ESC|StackVision Version 3.0 User Account Access to StackStudio

Posted on 7.2.2010

The purpose of this TIL is to alert ESC|StackVision Version 3.0 customers that user accounts that did not have access to configuration editors in Version 2.4 may be incorrectly granted access to StackStudio following the software update.

To read the complete TIL, please visit:

<http://envirosys.com/esc/svsupport/archive/2010/07/02/TILSV85261.aspx>

### TIL SV-020310-R2 ESC|StackVision Support Platforms

Posted on 7.16.2010

The purpose of this TIL is to notify customers that ESC|StackVision support for the Windows Server 2003 with SQL Server 2005 platform will be extended through March 31, 2011 and it provides and updated list of supported platforms. This TIL supersedes TILs SV-020310-R1, SV-031909 and SV-012709.

\*Please note that this TIL has been superseded by a TIL posted on September 22, 2010. To read the complete updated TIL, please visit:

<http://envirosys.com/esc/svsupport/archive/2010/09/22/TILSV020310R3.aspx>

## How Does Your Company Go Green?

At ESC, we realize that our business practices have a direct impact on the environment and the community in which we operate. As the market leading supplier of stack emissions reporting software, we have a strong commitment to our community and the environment. We take great pride in this commitment which is why we have implemented several opportunities for our employees to become involved in the community.

As an industry, we should all be concerned about the environment. We know that several of your companies also have initiatives to help the environment and we want to hear about them! Send your stories to [marketing@envirosys.com](mailto:marketing@envirosys.com), and we will highlight them in upcoming newsletters and you will be registered for great prizes.

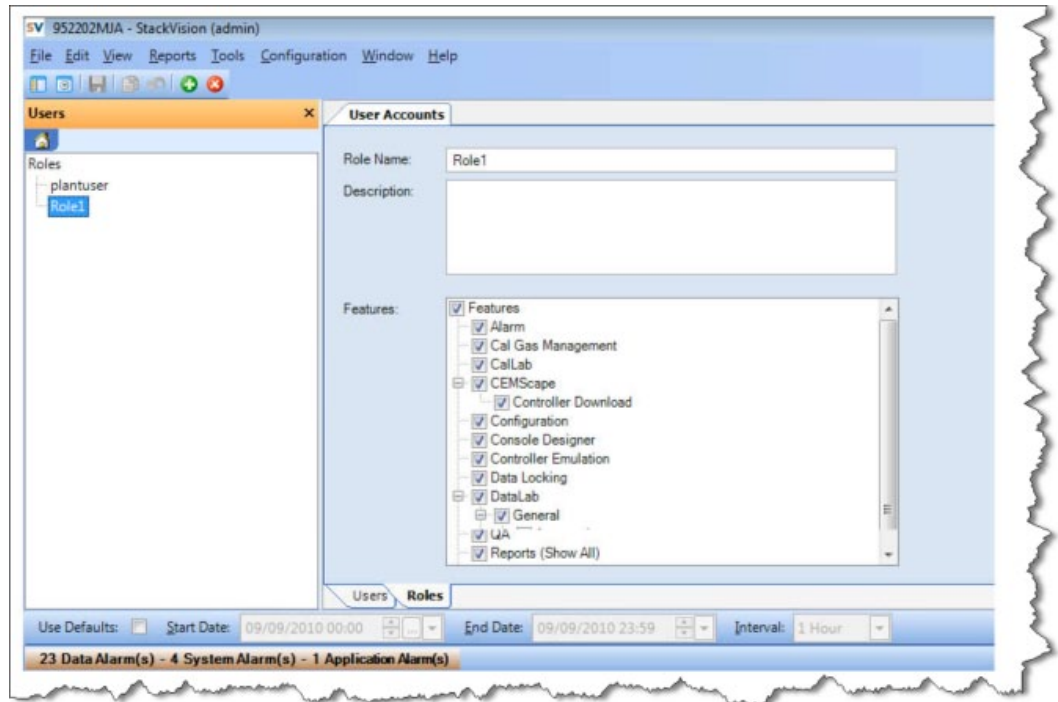
For more information on the ways that ESC is helping the environment, visit <http://envirosys.com/ourcompany/corresp.aspx>.

# Tips and Tricks

## ESC|StackVision Version 3.0

ESC|StackVision Version 3.0 offers several enhancements and additions “under the hood,” but there are also several user enhancements including the ability of StackVision administrators to maintain role-based security and the addition of the Controller Command button available in console designer.

**Role-Based Security:** In previous versions of StackVision, each user granted access to particular feature areas. Role-based security offers the option of adding a Role, such as Plant Operator. After adding this role, it then the accessible feature areas/options selected below in the image. When a user is created, roles can be assigned to the user whereas in the past, you had to create each user and select options for each.



**Controller Command:** The controller command feature is a Data Controller button that can be programmed to start or abort configured calibration sequences and/or to open/close digital outputs. Once under the corresponding Data Controller, this an option under the objects tab in the console designer. The graphic is a button-type graphic that can be labeled with the applicable command and be displayed as a “play” or “stop” button, or an “open” or “closed” switch. With this new addition, there is added functionality of consoles and an increase level of control.

