



In Control! *Effective Management* *of Your Facility*

Spring 2007

Volume 2, Issue 4

Announcing: MCASC Statewide Rally May 2, 2007

Mechanical Contractors Association of South Carolina will be holding their annual statewide rally and barbeque in May.



What is the Mechanical Contractors Association of South Carolina?

The mission of the Mechanical Contractors Association of South Carolina (MCASC) is to positively impact the Electrical, HVAC, and Plumbing industries in South Carolina in the areas of open communication, training, and legislative actions for the benefit of its members.

MCASC has been serving the Electrical, HVAC, and Plumbing Industries since 1912. With almost 90 years of experience, MCASC has established itself as a very reputable professional organization.

With meetings, retreats, networking opportunities, and much more, MCASC offers many opportunities for their membership to further the Electrical, HVAC and plumbing industries in our state.

Interested in more information on MCASC or do you want to become a member, check out the website at www.mcasc.com

**Mechanical Contractors Association
of South Carolina**

Statewide Rally and Barbeque

Wednesday, May 2, 2007

**The Coop
1100 Key Road
Columbia, SC**

6:00 pm until...

**Speaker: Governor Mark Sanford
The Governor of South Carolina**

For more information, please contact Mona Flowers at (803) 772-7834 or Margaret Asay at (803) 765-9070

Training Schedule



Our in-house training courses are based on different skill levels. Whether you need to get a new employee familiar with your Siemens system or help your current system operator reach their most productive skill level – we can meet the needs of your entire staff. Enrollment is “first come, first serve” and classes fill quickly.

If you are interested in our training courses and have not received a training directory, please call Ernie Glenn at CMI, **803-779-6050 ext 411** or visit our website, **ww.controlmanagement.com**, for more information. We look forward to seeing you in upcoming CMI training classes!

AIG-101 *Insight for New Users - Part 1: Introduction*

Learn the basic operations of the system for day to day use through graphics. *No recommended prerequisites.*

Class Date: **May 23, 2007**

TEC-101 *Insight for New Users - Part 2: TEC's – Terminal Equipment Controllers –*

Learn how TEC's control building equipment and communicate with field panels, communicate with the field panel using Controller Interface Software (CIS) or Datamate, communicate with a TEC from the room temperature sensor using a laptop, and through the field panel or Insight.

Class Date: **June 20, 2007**

AIG-202 *Insight for New Users - Part 3: Reports, Trending & Scheduling –*

Learn to create, display, and print various reports; trending (data stored when a change of value or time occurs); schedule equipment, run times, trends, and reports and much more, all through graphics.

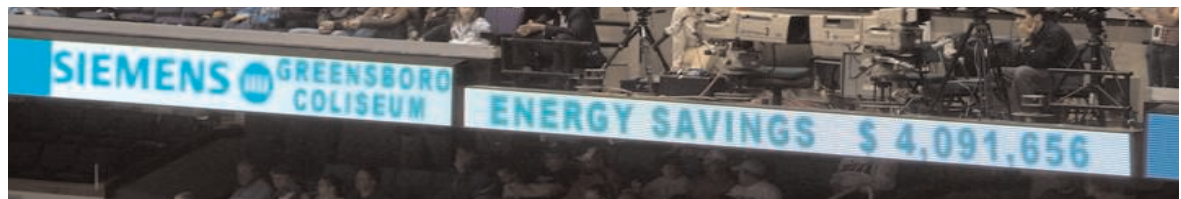
Recommended prerequisite: AIG-101.

Class Date: **July 18, 2007**

** Dates for all classes are subject to change. Please check our website (www.controlmanagement.com) for dates before registering.*

PC Corner

by: **Scott Gugenheim, Energy Solutions Manager for Siemens**



Home of ACC Tournament and NCAA Tournament chooses Siemens to help them address their energy solutions needs.

The Greensboro Coliseum, perennial host of the ACC Tournament and NCAA Tournament, has partnered with Siemens Building Technologies to help them reduce energy costs by over \$4,000,000 over the next 12 years. By implementing a Guaranteed Energy Savings Performance Contract with Siemens, the City of Greensboro and the Coliseum will realize significant improvements in their flagship facility, including: a new chiller, a new boiler, comprehensive lighting and automation upgrades, security and card access enhancements, HVAC retrofits, new Air Handlers, VFD's, and new sinks and toilets. The savings to the City are all guaranteed by Siemens for 12 years, allowing the project to be completely self funded, with no impact to local taxpayers. Siemens is now the "Official Energy Solutions Provider for The Greensboro Coliseum". If you would like to consider Siemens for your energy solutions needs, please contact Chris Bigalke at 864-809-1039 cell, or 864-990-5755 office.

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Customer Spotlight

American Italian Pasta Company Columbia, SC

Did you know the largest and fastest growing North American manufacturer of dry pasta has a plant right here in our backyard? American Italian Pasta Company, who makes over 220 shapes of dry pasta, has one of its manufacturing plants of retail products right here in Columbia, South Carolina. Founded in 1988 with plants in the United States and Italy, AIPC distributes Mueller, Golden Grain and Pennsylvania Dutch brands, among many others, to stores all over the US and Europe.

Working together since 1995, CMI has been providing AIPC's plant in Columbia with direct digital controls needed to run their facility. We began in the production area, then moved through the office area and keep adding on with the plant expansions. We also had the opportunity to install our controls in their facility in Tolleson, Arizona.

Industrial facilities, like American Italian Pasta Company, pose unique challenges and needs. With a combination of traditional office space, warehouses and production areas, an industrial facility needs to control temperature, humidity and building pressure at different levels through various methods.

The AIPC facility in Tolleson, Arizona presented us with many new engineering and programming challenges because the climate in the southwest is so different then the climate we are used to here in the southeast. While we are used to hot humid outdoor conditions, we had to deal with very hot, dry conditions. One method used there that is very difficult to justify here is evaporative cooling. We controlled water side economizers on the cooling towers to provide all of the facilities chilled water needs with outdoor temperatures up to the mid 70 degree range. Even with temperatures at 100 degrees plus, we were able to sufficiently cool some areas of the plant using just evaporative cooling air handling units. We also utilized our systems to track natural gas usage for required State of Arizona air quality reports. Other industrial applications we controlled or monitored included, high temperature hot water, compressed air systems, vacuum systems, and exhaust systems.

As American Italian Pasta Company continues to grow, we look forward to working together to provide AIPC with the top building automation system possible. We also look forward to meeting the challenges that industrial facilities have to offer.

American Italian Pasta Company

Columbia Manufacturing Facility



Inside the Tolleson, Arizona Facility

Product Spotlight

Introducing: APOGEE Insight Version 3.8

The newest revision for the premier workstation platform in the building automation industry

Siemens has released the latest version of APOGEE Insight, Version 3.8. With this new release comes some new features. Below are some of the new features Version 3.8 has to offer:

Custom Buttons in Insight Main Menu

With Insight Revision 3.8, you can create up to 10 custom buttons that launch applications from the Insight Main Menu. Depending on your access level, you can create custom buttons that launch/open local or network programs, files, folders, or Internet/Intranet addresses. For example, you can add buttons for third-party programs such as closed-circuit TV (CCTV) systems.

Any Insight user who has Configure/Edit access to a specific Custom Button can configure that custom button from the Main Menu Customize dialog box.



Emailing Reports as Attachments

With Insight Revision 3.8, you now have the ability to e-mail reports as file attachments by selecting the E-Mail output type when creating, viewing, and scheduling reports. This allows you more flexibility to receive reports when working outside the office or in remote locations. You can e-mail any reports type except for the Trend Collection report.

New Search and Replace Point Names Dialog Box in Graphics

The Graphics application has been updated with a new Search and Replace Point Names dialog box, which you can access from the Edit menu.

The Search and Replace Point Names dialog box allows you to search in all point name strings in a graphic for specific text and replace it with other text. For example, if you have air handlers named “SBT.1000BLDG.AHU01” and “SBT.1000BLDG.AHU02” with identical point set, and you’ve already created an “SBT.1000BLDG.AHU01” graphic, you can save time by searching for the text string “AHU01”, replace it with “AHU02”, and then save the graphic with a new name.

Point Summary Report Application

Formerly available to just our branch organizations, the Point Summary Report application is now included with Insight Revision 3.8. This tool allows you to create custom point information reports for most field panel types- including building automation and ALS3 for alarm panels. It allows you to select points based on panel name, customize fields to be displayed, and set sorting criteria. The result is a document that contains information about points within the panels that you can print and export to Microsoft Excel.

Support for the Bus Interface Module (BIM)

A Bus Interface Module (BIM) enables communication between a Floor Level Network (FLN) and a TX I/O Island bus. It also provides 24 Vdc and 24 Vac power for smaller applications, like DPU emulation, which uses a fixed set of input/output (I/O) points. BIMs reside at the top of a TX I/O self-forming Island bus, which might also contain DI or DO modules, Universal modules (modules with points configurable as DI, AI, or AO), TX I/O power supplies, or Active power supplies. Because I/O modules and additional power supplies can be added behind the BIMs as needed, it can support up to 136 points (17 modules with 8 points each) on a single TX I/O Island Bus.

If you have any question concerning APOGEE Insight 3.8, the new features or Insight in general, please contact Control Management, Inc. at (803) 765-9070 or 1-888-381-9970.



CMI News



We want to hear from you!

Is there something you would like to see in our newsletter? On our website?



We want to hear from you!

Products, Services, Information...Is there anything you would like to see added to our newsletter or website? We strive to provide the most up to date and useful information for our customers. If you have some suggestion, please go to our website (www.controlmanagement.com) and click on the link to give your suggestions.

We look forward to hearing from you!

Welcome!

Welcome New CMI Employee:

Welcome!

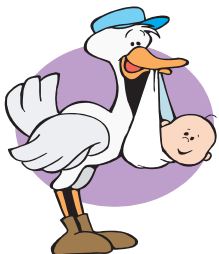
J.D. Brown and Adam Culick

J.D. Brown has joined Control Management, Inc. in our service department. He will be working out of our Charleston office. We are pleased to welcome J.D. to CMI. His email address is: Jamesb@controlmanagement.com

Adam Culick is the newest addition to the installation department at Control Management, Inc. He will be working out of our Myrtle Beach office. We are pleased to welcome Adam to CMI. His email address: Adamc@controlmanagement.com

Congratulations:

Kathy Smith and Greg Davis



Congratulations to **Kathy and Patrick Smith**. They are expecting their first child in June. Everyone at CMI wish all the best to Kathy, Patrick and soon to be Big Sister Linda as they welcome the new addition to their family. Kathy works in accounts payable at Control Management, Inc.

Congratulations to **Greg Davis and Priscilla Carver** on their engagement. The wedding is planned for June 16, 2007. Greg is in our service department out of the Columbia office.





CMI would like to welcome: Chris Bigalke

To manage Siemens Energy Solutions Business in South Carolina

Chris comes to Siemens with a background that includes industrial and institutional energy solutions business development in North and South Carolina with Alliant Energy's Integrated Solutions Company (now owned by Constellation Energy). He has 18 years of industrial and institutional utility water treatment experience with Ashland Chemical. Most recently Chris was the Business Manager for turnkey environmental solutions with RMT, Inc., an environmental and engineering consulting company with offices throughout the U.S. Chris will be managing Siemens energy and environmental solutions efforts within the state of South Carolina, working closely with CMI and their customers as they evaluate the benefits of these programs. Chris, along with his wife Lu, and daughter Katie (a sophomore at Clemson), live in Simpsonville, SC and can be reached at 864-809-1039 cell, or 864-990-5755 office.

CMI Looks forward to working with Chris to offer Performance Contracting to our customers throughout South Carolina.



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Control Management, Inc. is dedicated to customer service and satisfaction.