

Control Management, Inc.



SOUTH CAROLINA'S NEWS SOURCE FOR FACILITY MANAGEMENT AND CONTROL SYSTEMS

Did you know?...

The Series 2000 Room Units also monitor RH and CO2 in the same housing?

This gives you a better look on your walls and also allows for applications like demand control ventilation.



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KOYO EXPANDS PLANT IN BLYTHEWOOD

Control Management, Inc. (CMI) recently completed installation of DESIGO CC, APOGEE, and SiPass systems at the Koyo ball and roller bearing plant located in Blythewood, South Carolina, USA.



Koyo is a division of JTEKT Corp. and the plant supplies wheel bearing products to automotive companies like Toyota, BMW, and Chevrolet.

The latest project expanded the plant to over 730,000 sq. ft. and brought in another 175 estimated jobs to the area.



CMI had installed APOGEE in the original plant and when time for expansion came, it made economic sense for Koyo to increase their investment in APOGEE. During construction planning meetings, KOYO plant EHS Coordinator David Green had an interest in single source responsibility and wanted as much as possible from CMI and Siemens. In addition to the 29 PXC controllers and 45 TECs, KOYO also added Siemens SiPass Card Access and CCTV systems, and a Siemens Fire Alarm System.

“Bringing all of our plants systems into APOGEE and DESIGO CC is key to keeping our plant operating at peak production.”

David Green, EHS Coordinator

CMI also worked with KOYO and other plant equipment suppliers to integrate into the APOGEE System

- 2 Chiller Plants from Daikin & Carrier
- Industrial Air Compressors from Gardner Denver
- Variable Frequency Drives by Danfoss Graham
- Lighting control system by WattStopper
- Power distribution and monitoring by Schneider PowerLogic

Continued on next page.....

KOYO EXPANDS PLANT IN BLYTHEWOOD(continued)

All of these systems are available to view and command at the DESIGO CC work stations with 6 large monitors in the command center near David Green's office.



David Green and Joel Castles at DESIGO CC workstation



Koyo
JTEKT



Additional info:

<http://richlandcountysc.com/Home/News/TabId/234/ArtMID/724/ArticleID/22/>
<http://www.thestate.com/2012/11/21/2528053/koyo-expanding-in-midlands-adding.html.aspx>

DESIGO CC - DESIGNED TO MEET YOUR BUILDING CONTROL AND SAFETY NEEDS

The new Desigo CC workstation was designed to give you a new level of control. Siemens designed the new Desigo CC control center with input from building operators around the world.

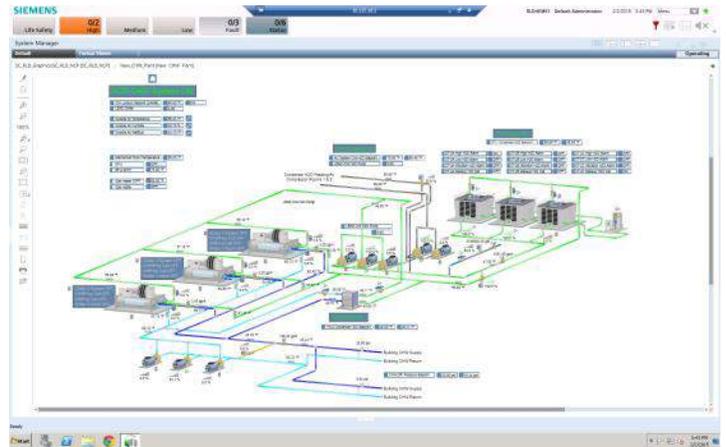
By integrating a number of building functions, the Desigo CC Building Automation System was developed to enhance the user experience, and reduce the time it takes to create comprehensive and useful data and reports. Real-time visualization allows you to see what is happening with multiple facets of your building in one easy to read location. This improved usability can directly increase the productivity of you and your entire staff.



Some of the building functions that you can integrate include:

- Building Automation
- Fire and Life Safety
- Lighting-IP Cameras
- Power and Energy

And, with the most robust reporting in the industry, Desigo CC provides superior trend analysis, scheduling, energy management, and work-flow-driven analytics. It also gives you the ability to view what's happening in the system with remote access capabilities where you can continuously stay informed of your building's status with notifications through email, SMS, and paging.



Desigo CC delivers an integrated approach to enhance and protect your investment and gives you a new way to manage your building with personalized, actionable information that you need to gain optimal control of your facility. The many features and capabilities of Desigo CC make it a valuable investment now that you can build on for the future.

Control Management is currently installing Desigo CC at multiple sites across the state. For more information please check out these [Desigo CC videos on our website](#) or talk to your CMI representative.

SIEMENS POWER METERING KITS

MD-BMS / MD-BMED

MD-P1 / MD-P1D

Product Description

Siemens Power Meters are metering devices designed to provide real time, accurate electricity metering to enable monitoring and control over energy costs.

They are compatible with Siemens APOGEE® and other BAS systems by using BACnet, Modbus, or Siemens P1-FLN protocol.

This “revenue grade” meter can capture kWh/kW energy and demand data, as well as other relevant energy parameters for high accuracy applications such as demand response or tenant sub-metering.

Features

- Compatible with most BMS systems, communicating via RS-485 using BACnet MS/TP or Modbus RTU protocols
- Compatible with all Siemens APOGEE® Building Automation Systems (BAS) on P1-FLN or BACnet MS/TP
- Measures over 55 electrical, power and energy parameters
- ANSI C12.20-2010 class 0.2 “revenue grade” meter performance; good for sub-metering
- Kits provide meter and three CTs with ranges from 100 Amps to 4000 Amp Rogowski Coils
- Kits are pre-configured in factory to minimize need for field configuration and setup
- Works on Single or 3-Phase Power Services
- Meter is line powered – no external supply
- Upgrade/replacement for DEM series meters
- Mounts inside electrical cabinet – no separate enclosure required



MD-BMS / MD-P1
Power Meter



MD-BMS / MD-P1D
Power Meter with Display

SI PASS INTEGRATED ACCESS CONTROL

SiPass integrated is a powerful and almost infinitely flexible access control system that provides a very high level of security without compromising convenience and ease of use for system users.

Flexible, customizable and highly secure

SiPass integrated is built to meet access control requirements that range from non-critical to critical and from quite simple to very complex.

Designed for organizations of all sizes with operations on one or more sites, it is ideal both for existing facilities and for newly constructed buildings. The total number of cardholders and doors in a SiPass integrated system is virtually limitless. System management can be handled by many different operators with varying levels of authority.



SiPass integrated can be used to manage access to anything from a single low-rise office or residential building with just a few doors to massive high-rise complexes with tens of thousands of doors, gates, barriers and elevators at multiple sites around the globe.

In cases where an organization has outgrown its current access control system, a new SiPass integrated system can usually incorporate previously installed readers (Siemens or third-party), as well as existing cards and cardholder data. There is no need to take a loss on previous security investments – everything is simply migrated to the new system.

It is also possible to use SiPass integrated as a security management station (SMS) that integrates access control, intruder detection and video surveillance into a single system.

Particularly useful in environments where information is highly sensitive with concerns about espionage.

Standardized interfaces enable easy integration with existing security processes and business systems. A wide variety of software extensions can be used to customize the system to meet any organization's specific needs.

SiPass integrated also offers an Advanced Security Programming (ASP) feature that enables system operators to create customized, site-specific activity programs and download them to the controller(s) with ease. ASP activities can be controlled and executed using time schedules. Virtual components (flags, timers, counters) can be incorporated into activities as triggers and effects.

[See How it Works](#) | [Brochure](#)

To learn more about Si-Pass Integrated please contact your CMI representative.

TRAINING ROOM RENOVATIONS AT CMI

In order to provide our customers with the best training experience, our training room underwent an extensive renovation. The new training room and break room have been expanded to accommodate 8 - 12 students and we have incorporated some of the latest technologies to make your learning experience meaningful and helpful in achieving your goals.

So What's Next??

As you can see from our pictures, our walls are pretty bare. So we thought this would be a perfect opportunity to involve our customers in creating some artwork.

How You Ask?....

By having a Photo Contest! To participate, email us a high resolution photo that YOU have taken of any of South Carolina's new and/or historical locations. The winning photos will be printed on a 16"x24" canvas and displayed in our training room - with credit to the winners (of course!). The winners will also receive a printed canvas copy that they can proudly display where all their friends and co-workers can admire it - and you can brag about it!

Contest Rules:

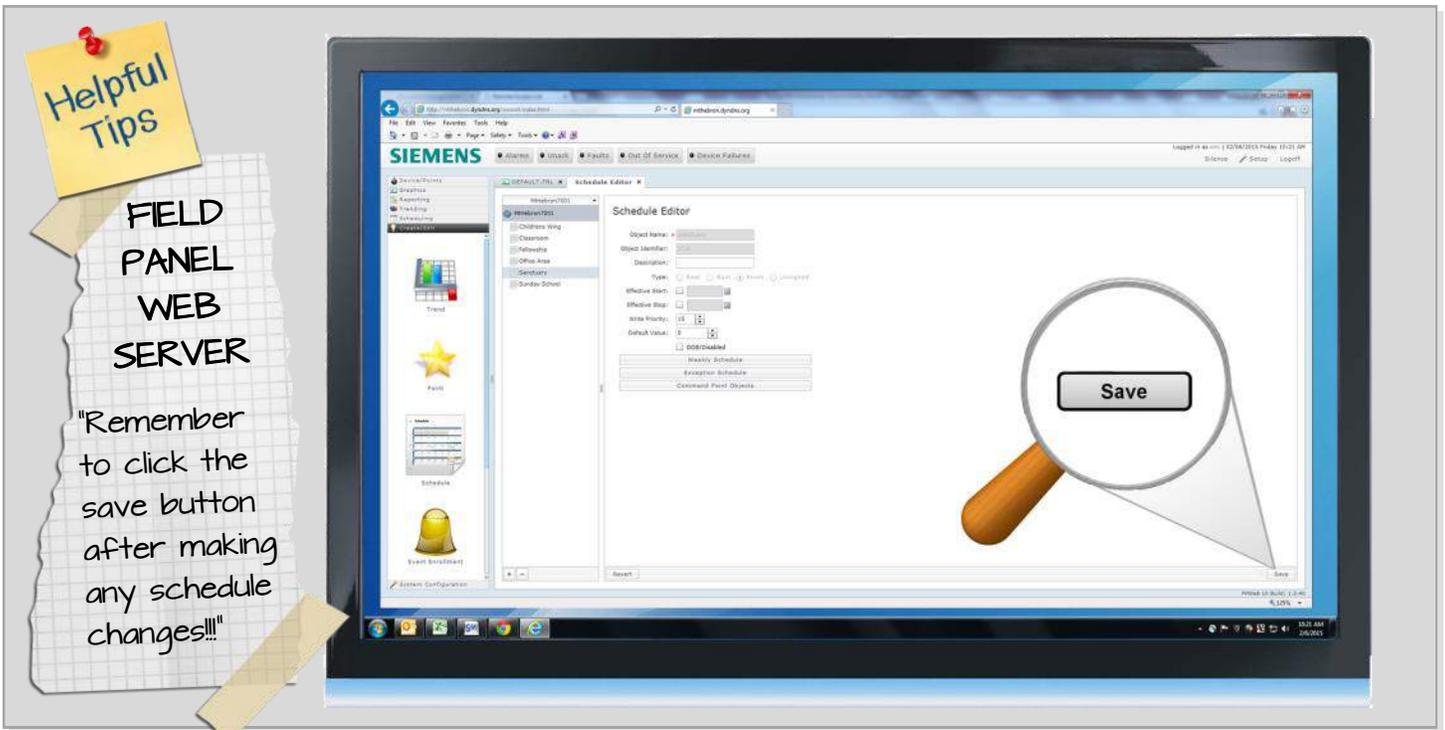
1. Photo submitted must be **YOURS** - no stock photos. Include your name, company name, mailing address, phone number, and a description of the location of your photo which must be in South Carolina. Submit to Contest@controlmanagement.com.
2. Photo must be in high resolution (to allow for enlargement). Photos must not contain any identifiable persons. JPG format preferred. File must not exceed 6MB.
3. By submitting your photo you agree to allow us to print and frame the image only for the use of CMI. Your participation also grants us permission to print your name along with the winning photo in our next newsletter. Submissions missing any information and/or do not meet all the requirements above will not be considered. Canvas print will be mailed to the address provided with your submission.
4. **Deadline for all submissions is March 20, 2015.** Winners will be contacted via email.



CMI IS A FACTORY STOCK WAREHOUSE FOR SIEMENS BT300 DRIVES

Access our [online BT300 drives catalog](#) for a listing of the drives we carry in stock. The catalog also provides technical data, pricing, warranty and lead times, guide specifications, ABB cross-reference, and more. We have key staff trained in factory start-up and can assist you in the start-up process.

Not sure which drive you need? Give us a call at 803-765-9070 and ask to speak with a representative for assistance and details.



Helpful Tips

FIELD PANEL WEB SERVER

"Remember to click the save button after making any schedule changes!!!"

The image shows a screenshot of the Siemens software interface. A magnifying glass is positioned over a 'Save' button in the bottom right corner of the 'Schedule Editor' window. To the left of the screen is a sticky note with the text 'Helpful Tips' and 'FIELD PANEL WEB SERVER' followed by a reminder to click the save button after making any schedule changes. The software interface includes a navigation pane on the left, a main workspace with a 'Schedule Editor' form, and a status bar at the bottom.

Employee Spotlight



Jason "JT" Smiley
Warehouse Supervisor

The CMI Employee spotlight this month falls on **Jason Smiley**. JT started with CMI in June of 2013 in the purchasing department, and later moved to the warehouse where he began training with Robert Burman in preparation to take over the warehouse duties once Robert retired in December 2014.

JT's favorite part about working at CMI is the people and the family atmosphere.

JT's main responsibilities at CMI include stocking all four of our locations with available parts, order panel shop supplies, commission/decommission fleet vehicles, prepare submittals and O&M packages, inventory control, vendor relations and part deliveries.

JT enjoys spending all his free time with his family. We appreciate all of his hard work and dedication to CMI and our customers!

TRAINING AT CMI

In-house Training

A confident, competent staff is essential to get full utilization of your Siemens System. It can make the entire job of operations management easier for everyone involved. Control Management, Inc. offers local, in-house Siemens operator training courses to help your staff reach their most productive skill level. Our courses are also an excellent way to get new staff members familiar with your Siemens system. Our affordable courses are based on different skill levels and course topics to meet the needs of your entire staff.

Courses offered are:

- ◆ **AIG-101:** Insight for New Users: Introduction
- ◆ **AIG-202:** Insight for New Users: Reports, Trending & Scheduling
- ◆ **TEC-101:** Insight for New Users: Terminal Equipment Controllers
- ◆ **TM-101:** Terminal Mode for New Users

*Scheduled Class(es):

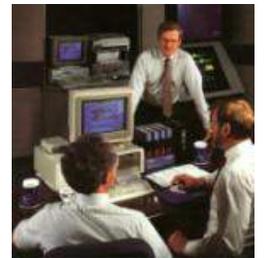
AIG-202: 03/18/2015
AIG-101: 04/15/2015
TEC-101: 05/06/2015

*class dates subject to change

Don't wait to enroll. Classes are limited to 12 students and fill quickly, so please [visit our web-site](#) for class schedules and to reserve your spot.



Ernie Glenn, our Siemens training coordinator, is factory certified and has been teaching classes at CMI since 1996. He also teaches for Siemens.



Join Us! We are now on

[LinkedIn](#) [facebook](#)



ENGINEERINGADVANTAGE™ LUNCH AND LEARN

EngineeringAdvantage™ Program helps engineers earn PDH units

Mission: to increase productivity of Consulting and Specifying Engineers by providing support and education.

CMI has been offering lunch and learn training classes in cooperation with Siemens to help engineers earn PDH units toward their license renewal. Our programs are based in real world experience. We try to balance theory and practical knowledge to help you stay on top of the latest trends and technology to help you drive greater savings and client satisfaction. Educational sessions cover a range of subjects throughout the year, all of which are AIA accredited programs which may qualify for Continuing Education Credits (CEU).

Would you like a Lunch and Learn at your office? [Click here](#) to use our online form, or call us at 803-765-9070 .

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Providing quality energy management & control systems, equipment, and services to South Carolina, and select North Carolina and Georgia territories

Control Management, Inc. designs, installs and maintains facility management and control systems which provide optimum energy conservation while maintaining precise environmental conditions in your facility. We understand that every customer has different criteria in terms of facilities, budgets, personnel, training, and energy conservation. To meet these individual needs, we provide customized facility management solutions. Solutions that guarantee customer satisfaction and system performance while adding value to your facility at a minimal cost.

As an Independent Field Office (IFO) for Siemens Building Technologies, Control Management is able to provide the most advanced system technologies available.

Siemens Building Technologies is an industry leader in providing building management solutions to commercial and other non-residential facilities.

Member



Solution Partner

Building Technologies

SIEMENS



CMI HAPPENINGS:



After a combined 28 years of service to CMI, Ollie Peine and Robert Burman are enjoying their well deserved retirement.

Ollie Peine served as Project Manager and Warehouse Manager in our Charleston Field office. Robert Burman (or Bob, as we all called him) served as Warehouse Supervisor in our Columbia office.

We thank them both for their many years of dedication and hard work.

