PALMETTO CONTROLS, INC.

Product Highlight: Schneider SmartStruxure™ Lite Solution

Integrated small-to-medium-sized building management

SmartStruxure™ Lite solution is an open system offering programmable control and management of a buildings' HVAC, lighting and metering using StruxureWare™ Building Expert, a no-license-fee web interface.

The backbone of the SmartStruxure Lite solution are multi-purpose management devices (MPM) that combine programmable controller, gateway, and Web server duties in a single device thereby providing the lowest fixed cost per location for small and medium buildings.

MPM devices can network via daisy-chain, IP/Ethernet or ZigBee® wireless mesh. They can manage wired (analogue and digital inputs and outputs), Modbus®, EnOcean® (wireless) and ZigBee (wireless) end-devices.

Benefits

- Full-featured automation for HVAC, lighting, and metering
- Fully programmable with remote access
- Wired and wireless control and networking
- Seamless integration into SmartStruxure solution
- Future-proof with EcoStruxure® Web Services, IP, BACnet IP and oBIX® integration

Applications

- Fully programmable for a wide variety of applications: HVAC, lighting control, metering, occupancy, scheduling, data logging and export
- Perfect for retrofit and new construction projects in: Retail chains, healthcare clinics, hotels / motels, schools, high ceiling environments such as supermarkets or warehouses, heritage buildings and other landmarks

Siemens Power Metering Kits

SIEMENS

MD SERIES POWER METERS

Siemens Power Meters are metering devices designed to provide real time, accurate electricity metering to enable monitoring and control over energy costs. The meters' flexibility, size, and ease-of-use make them ideal tools for gathering detailed consumption information in commercial, industrial, governmental, and retail environments.

MD-BMS / MD-P1
Power Meter

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

MD-BMS / MD-P1D
Power Meter with Display

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

Visit us at
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and contact us with your building automation and controls needs.

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RDY2000BN BACnet Commercial Room Thermostat

SIEMENS

Save energy and optimize comfort with smart, integrated zone and room control

Now, bring more buildings under automated control to achieve optimized occupant comfort and reduced energy and maintenance costs. The RDY2000BN commercial thermostat effectively and seamlessly integrates building zones into BACnet systems for centralized control and monitoring.

Packing the same comfort and control functionality found in direct digital control (DDC) systems, the RDY2000BN offers a simple-to-engineer and easy-to-commission solution to both new construction and retrofit projects. The RDY2000BN flexibly manages all aspects of room comfort. Onboard temperature and humidity sensors and pre-programmed applications for ventilation, economizer, IAQ, and humidity provide the flexibility to optimize occupant comfort while reducing energy consumption.

The RDY2000BN is based on the design of the RDY2000 Commercial Thermostat, *Consulting-Specifying Engineer* 2015 Product of the Year.

The thermostat also supports remote sensors including temperature, IAQ or occupancy sensors. Simply add on the sensors that are needed for the building. This makes the RDY2000BN a comprehensive solution for all types of applications.

A fast return on investment and lower total cost of ownership makes the RDY2000BN an affordable solution for:

- Multi-use commercial buildings
- Schools
- High-rise residential buildings
- Medical offices
- Hospitals
- Hotels
- Retail establishments
- Light manufacturing facilities

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FIN Stack 4.0
by J2 Innovations

FIN (Fluid INtegration) is the next generation Building Automation System (BAS). It features a new applications server technology that embraces tagging and data modeling, which enables unprecedented new functionality. It works as seamlessly on a tablet and smart phone as it does on a desktop. FIN is a HTML5 browser-based unified toolset optimized for efficient workflows. It dramatically reduces engineering labor, helping you build your customer's solution easier, faster, and better. FIN was designed to encourage community collaboration and seamlessly supports add-on applications such as automated analytics.

With FIN 4.0 you can mix and match hardware components creating system architectures to meet any job's requirements. FIN technology can live at every level of the architecture: the edge device, global controller, server, and even the cloud! With a variety of FIN Application Server Platforms (FASP), you have one technology that provides a unifying toolset for all your solutions!

GRAPHICS
Imagine graphics that are automatically generated: navigation, point summaries and links to histories that simply work without any laborious setup, all combined with custom graphics that can be created super-fast with the best tools in the industry.

ALARMS
We radically changed the approach to alarming and have made creating and managing alarms easier. You can now create alarms and FDD sequences once and reuse them everywhere.

SCHEDULES
With a brand new approach to scheduling, we have eliminated the difficulty of linking schedules to equipment and the labor intensive aspects of schedule management.

B-LINE
We took the simplicity of block programming and the powerful logic of line programming to create a new combination called bLine. With bLine you can create control sequences once and reuse them everywhere.

DB BUILDER
A powerful tool for creating your tagged database and the Haystack standard is built right in. You can add histories, create relationships, and view points, all with a single app.

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Team Player Spotlight

Julio Cesar Pichardo joined the PCI team in June 2013 as a Project Manager in our Charleston field office. Some of his responsibilities include: Planning, oversee installation, design, check out, programming and support of TREND, NOVAR AND SIEMENS TALON devices.   When asked what he likes most about working for PCI he said," It is very dynamic. Every day there is something new to learn or a challenge to overcome giving me the opportunity to grow more as professional."

Julio is originally from Dominican Republic where he graduated from the Central University receiving a bachelors degree in Information Technology in 2000. He then worked in the IT field for 6 years and in 2006 started a career in Building Automation Controls in Puerto Rico, working as a project manager for several major retailers and colleges.
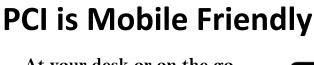
He enjoys being a first time father to his daughter Juliette Isabella, and has recently become a US citizen. One of his favorite movies is "We Were Soldiers", and his favorite book is the Bible and books by John Piper.

"Every day I am challenged which gives me the opportunity to grow more as a professional."

-Julio Pichardo

Since being with PCI, he has become an integral part of the team providing support and ideas to better support our customer base.

PCI is Mobile Friendly

At your desk or on the go... Visit us any time!

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Our Commitment

With a combined 32 years experience, PCI is uniquely qualified to provide the most advanced building solutions available by integrating products from Siemens Talon, Honeywell and Schneider.
We are dedicated to insuring total customer satisfaction by providing our customers with the best building automation and control solutions. We are committed to offering only the best technology: technology that is cost effective, globally proven, and locally delivered and supported.

For more information call us at
803-239-2492 or email us at info@palmettocontrols.com

Place your Service Request Online

For your convenience, you can now place your non-emergency service requests online at:

http://www.palmettocontrols.com/service-request.html

You will receive a confirmation of your request via email and a service technician will contact you promptly.

Please do not use this form for Emergency requests.
If you have an Emergency Service call or need immediate assistance during office hours, call our main number at **803-239-2492** and ask for the Service Desk.

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