



Get answers to some of the toughest questions facing your industry today

Make plans now to attend all or part of the no-cost Siemens Answers for Industry Conference

August 24 - 25, 2010 • Meydenbauer Center • Bellevue, WA

Join us at the Siemens Answers for Industry Conference and learn how energy efficiency, automation, and services are transforming businesses large and small, government agencies, industrial facilities, and financial and educational complexes.

Who should attend

Anyone who wants to enhance their competitiveness through efficient manufacturing, green buildings, and renewable energy, from end-users, manufacturers, architects, consultants, system integrators, electrical contractors to EPCs and OEMs.

Networking opportunity

Take the opportunity to network with Siemens product managers and technology experts, partners, distributors, and senior executives about the specific challenges facing your organization.

Choose from 40 seminars

Customize your personal agenda with seminars led by industry experts and focusing on technologies, best practices and emerging trends. All are designed to equip you with the knowledge and strategies to help you enhance your company's competitiveness. All offer educational credits.

Hands-on 18,000 sq. ft. Technology Showcase

Looking for actionable ideas that can help you in your job today?

The Siemens Technology Showcase provides an informal, hands-on opportunity to explore leading-edge technologies from an industry leader.

No cost to attend, but registration is required

There is no cost to attend any or all of the Answers for Industry Conference, but advance registration is required.

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Answers for Industry Conference

Enhancing competitiveness through efficient manufacturing, green buildings, and renewable energy

www.seeuthere.com/Seattle/Wesco

SIEMENS

Tuesday, August 24 agenda

Create your individual event experience by selecting the seminars and showcase times that best fit your needs.

Showcase is open	8:30 AM	Showcase opens				
	9:00 AM – 10:30 AM	Applying Variable Speed Electric Drives in Mainline Compressor Stations – A Look at One Solution	Introducing the “SIMATIC S7-1200 Innovation Tour”	Green Board Rooms and Green Buildings: A Perspective from Corporate America	Implementing Innovative Power Distribution Solutions	Leveraging Renewable Energy Solutions
	11:00 AM – 12:30 PM	Specifying Electric Motors with Emphasis on Maximizing Efficiency	Deploying Process Instrumentation and Analytics for Emissions Control	Preparing a Building for Smart Grid	Attaining an ROI from a Power Monitoring and Control System	Exploring LV and MV Circuit Protection Solutions for the Growing Wind-Energy Market
	12:30 PM – 2:00 PM	Lunch and networking in the showcase				
	2:00 PM – 3:30 PM	Introducing a New Generation Hybrid Propulsion System for Marine Applications	Reducing Production Costs with Integrated Safety	Maximizing Your Building Automation Investment Through a Lifecycle Management Program	Case Study: Increasing Uptime and Productivity	Case Study: Machine Retrofit Solutions with Siemens TIA
	4:00 PM – 5:30 PM	Understanding Overall Equipment Effectiveness (OEE) and Condition Monitoring of CNC Machine Tools	Achieving Sitewide Communication Through Totally Integrated Automation and Power	Integrating Building Automation Systems Within a Facility	Exploring Distributed Power and Totally Integrated Power	Case Study: Wastewater Treatment Plant Automation and Control Using Siemens TIA
	5:30 PM – 6:30 PM	Networking Reception in the Showcase				

9:00 AM – 10:30 AM

Applying Variable Speed Electric Drives in Mainline Compressor Stations – A Look at One Solution

Siemens presents a business case in energy efficiency for pipeline applications. Learn how others have reduced energy use and become more cost-efficient by applying medium voltage drive technology in mainline compressor applications versus gas powered machinery. ⚙️⚙️

Introducing the “SIMATIC S7-1200 Innovation Tour”

What is the driving force behind success in today’s automation? Besides keeping cost as low as possible, the driving force in today’s marketplace is engineering time. An idea must be developed into a marketable product as quickly as possible. This means engineering time must be reduced, operations simplified, and automation systems must be reusable and flexible. Moreover, your investment must be secured in the long term. Attend the SIMATIC S7-1200 Innovation Tour to find out how to stay ahead of your competition on these high demands. ⚙️⚙️

Green Board Rooms and Green Buildings: A Perspective from Corporate America

Siemens, in conjunction with McGraw Hill Construction, published *The Greening of Corporate America SmartMarket™ Report* in 2007. The research focused on investigating key attitudes and trends in America’s corporate boardrooms and to gain an understanding of how concepts of green and green building are woven into corporate strategy as a driver of innovation and long-term shareholder value. Now, in exceptionally challenging economic times, the study was revisited to investigate how far corporate America has come in

the adoption of sustainability and to assess the impact of today’s economic conditions on their progress. The results are revealing, and the study’s findings confirm our belief that the leaders of our country’s largest and most influential organizations are firmly committed to sustainability as a strategic imperative. Their commitment—to use resources more efficiently, to reduce the impact of their facilities and operations on the environment, and to attract and retain the best employees—is clear. During the session, we will share details of the 2009 Greening of Corporate America research findings that highlight the significant progress that industry leaders have made towards achieving sustainability. ⚙️⚙️

Implementing Innovative Power Distribution Solutions

Electrical infrastructure is not just gray boxes anymore. Join us as we share our innovations and vision of electrical infrastructure, and learn how you can take advantage of new technology today. We will illustrate how our products continue to add more value to your process, while helping to reduce energy costs and improve your bottom line. Get ahead of the curve on electrical industry trends, and learn how Siemens is your total solutions partner. ⚙️⚙️

“Fantastic, simply fantastic.”

– Long Beach attendee

Leveraging Renewable Energy Solutions

Part One: “Tapping into Solar and Renewable Trends” will teach you how to leverage the benefits of renewable energy. We’ll review the complete value chain for Siemens renewable energy solutions. The main focus will be an overview of the solar market including polysilicon, cell and module production, and field installation. We will cover the three main sections of the solar industry including crystalline, thin film, and concentrated solar.

Part Two: “Leveraging Innovative Technologies for Solar and Renewables” gives you a close-up look at Siemens standard solutions and products. Partner companies involved in the production of solar modules and solar installations will give presentations that detail how solar projects are put together. ⚙️

11:00 AM – 12:30 PM

Specifying Electric Motors with Emphasis on Maximizing Efficiency

Recent legislation has defined more aggressive efficiency standards for electric motors. Participants in this session will learn:

- How to specify NEMA and Above NEMA motors to meet your application’s new efficiency requirements
- How to make decisions regarding performance characteristics and factors that affect ease of maintenance, such as degree of protection
- How to choose the minimum suitable motor and evaluate various potential costs to determine whether increased protection or optional features for optimizing performance are optimal ⚙️⚙️

Deploying Process Instrumentation and Analytics for Emissions Control

Improve your knowledge about environmental monitoring and how it may impact your plants. Monitoring is a requirement, and prevention of fines and reducing product loss are the primary drivers. We’ll help you understand how to meet regulations as part of your overall approach to management. We have been helping our partners meet their environmental objectives for decades. Hear from our experts about how you can find the right economical solution for your facility. ⚙️⚙️⚙️

Preparing a Building for Smart Grid

Customers want better energy transparency and management. This session will describe how to establish an energy efficient infrastructure that leverages a building automation system to take advantage of Smart Grid. Specifically, attendees will learn how to prepare for demand response event signals dynamic energy pricing signals coming in from the utilities, and develop an action plan to capitalize on the incentives and avoid peak charges. Also discussed will be the dynamics of energy control and the need to balance demand with supply. ⚙️⚙️

Attaining an ROI from a Power Monitoring and Control System

In this seminar, the elements of a power monitoring system will be discussed and how the “power” of the system is in the information it provides the user. Real-life case studies and customer systems will be covered to provide the attendee an idea of how to use a power monitoring system to save power, time and money, and attain a return on their investment in the system. ⚙️⚙️

Exploring LV and MV Circuit Protection Solutions for the Growing Wind-Energy Market

As companies and communities work to expand their use of renewable energy, wind stands out as one of the fastest growing alternative energy applications. Siemens is a leader in this market with more than 6,400 wind turbines installed globally. This session will offer a brief overview of the US market situation, and then take a close-up look at Siemens low-voltage and medium-voltage solutions for the wind market. ⚙️⚙️

2:00 PM – 3:30 PM

Introducing a New Generation Hybrid Propulsion System for Marine Applications

This session provides an introduction into sustainable electric propulsion solutions for small recreational or commercial boats traditionally powered by mechanical propulsion solutions. The new generation propulsion solution combines the usually stand-alone systems (power management, motors, thruster, aux. generators, batteries, monitoring, and control) on board into a truly integrated solution. The session will provide naval architects, operators, and boatyards, guidelines to arrange the propulsion system for their application in a very flexible, space-saving, and sustainable way. ⚙️⚙️

“Accessibility to Siemens subject matter experts and the quality of the content of each session was above expectations.”

– Washington, DC attendee

Reducing Production Costs with Integrated Safety

Come and see how manufacturers are achieving up to 40% cost reduction on safety design, and installation time while providing improved diagnostic capabilities, that reduce downtime leading to more production at a lower cost. As safety requirements have increased, plants experienced excessive downtime due to difficulty locating the cause of a shutdown. In this session, we will take a quick look at how a safety PLC, safety-rated fieldbus, and safe drives combine to form a completely integrated safety solution that reduces engineering time and provides improved diagnostics. 🧠🧠

Maximizing Your Building Automation Investment Through a Lifecycle Management Program

Your building automation system is a significant investment you need to protect. By taking advantage of a life-cycle management program, you can be assured that your past system investments will be compatible with future technologies. Learn how Siemens strategy of system compatibility by design can benefit your operation through asset protection and energy efficiency. 🧠

Case Study: Increasing Uptime and Productivity

Learn how a customer used both Totally Integrated Automation and Totally Integrated Power to increase their productivity and help control their energy costs. All aspects of a solution, including Control, Network, HMI, and Motor Management play a key role in minimizing downtime. This solution focuses on how the capabilities of SIMOCODE pro, SIKOSTART Reduced Voltage Solid State Starters, Smart MCC, Variable Frequency Drives, and WL Circuit Breakers worked together to achieve this goal. 🧠🧠

Case Study: Machine Retrofit Solution with Siemens TIA

Retrofitting the controls of an established machine with modern technology is a high value proposition for the customer. Ken Brown, Applied Motion Systems, will present an example of how a local Siemens distributor partnered with this Solution Partner to provide a Siemens TIA solution that improved the reliability of a critical production machine and reduced the risk of extended downtime by replacing outdated components. Also, the modern HMI and user-oriented programming improved the usability and job change-over time for the operators. This solution featured the SIMATIC S7-300 PLC and MP 277 HMI, SINAMICS S120 drive, SIMOTION CU310 motion controller, and IFK7 servomotor on a PROFIBUS network. 🧠🧠🧠

4:00 PM – 5:30 PM

Understanding Overall Equipment Effectiveness (OEE) and Condition Monitoring of CNC Machine Tools

Participants in this session will gain an understanding of how the OEE key performance indicator CNC machining operations is

determined, learn some best practices in measuring OEE, along with related topics of disturbance, availability, and utilization analysis. Practical examples and demonstrations of how OEE can be used for identifying areas for manufacturing improvements, optimizing costs savings, and maximize profitability will also be included. Participants will also learn how condition monitoring of CNC machine tool can support a predictive maintenance process and can reduce costly unplanned downtime. 🧠🧠

Achieving Sitewide Communication Through Totally Integrated Automation and Power

This seminar introduces you to the Totally Integrated Automation approach to updating your facility and shows you how Totally Integrated Automation and Totally Integrated Power can save you time and money on your next automation project. You will learn about the design philosophy behind TIA and TIP, and why these technologies are the important core to all of our products simplifying your solutions. 🧠🧠

Integrating Building Automation Systems Within a Facility

Discover how integration solutions encourage freedom of choice in managing a diversity of protocols and systems within a facility. This allows you to optimize energy efficiency, improve maintenance and troubleshooting, and increase the flexibility of your operating environment. Integration also allows you to reduce operating and installation costs by eliminating the cost and complexity of maintaining multiple systems and interfaces. 🧠

Exploring Distributed Power and Totally Integrated Power

This session will explore what distributed power and Totally Integrated Power mean to your bottom line. It will also explore what distributed power means to your real cost of installation and hardware, including reducing your installed copper and conduit by 90% or more. 🧠🧠

Case Study: Wastewater Treatment Plant Automation and Control Using Siemens TIA

A fifteen year old wastewater treatment plant undergoes major expansion, and the control system is upgraded using a distributed process control design model. The system includes S7-300 series processors, Siemens WinCC SCADA, and thin client viewing stations to provide a fully integrated control system. The design minimizes field wiring by using PROFIBUS for communication between the automation layer and field devices, including motor starters, VFDs, valve actuators, and water quality analyzers. Additional benefits of this network-driven solution include the ability to incrementally validate process control sub-systems prior to commissioning and startup functions. 🧠🧠🧠

🧠 Denotes degree of technical content, 🧠🧠🧠 is the most technical.

Notes

Did you know?

Over 90% of AFI attendees surveyed say they would recommend the AFI Conference to a colleague.



"This is where people come to get real information."

– Washington, DC attendee

"This show exceeded all of my expectations."

– Houston AFI attendee

Wednesday, August 25 agenda

Create your individual event experience by selecting the seminars and showcase times that best fit your needs.

Showcase is open	8:30 AM	Showcase opens				
	9:00 AM – 10:30 AM	Driving Smart: Energy and Cost Savings Using Drives Technology	Introducing the “SIMATIC S7-1200 Innovation Tour”	Understanding Mass Notification and Developing a Responsible Plan of Action	Exploring Best Practices for Five-axis Machining in the Aerospace Industry	Applying Instrumentation and Analytical Solutions for Water Management
	11:00 AM – 12:30 PM	Introducing Web Server Technology in Motion Control Solutions	Seeing is Believing – Answers for Machine Communications	Understanding North American Energy Market Fundamentals	Exploring the Role of Siemens in the Water Business	Understanding the Dangers of Arc Flash: Protecting Yourself and Your Assets
	12:30 PM – 2:00 PM	Lunch and networking in the showcase				
	2:00 PM – 3:30 PM	Optimizing Your Machine with Mechatronics	Improving Connectivity and Efficiency Through Industrial Networks	Understanding Next Generation Communications Systems for Electrical Infrastructure – IEC 61850 (Smart Grid)	Exploring Water Treatment Solutions and Answers for Industrial Markets	Exploring Hybrid Drive Solutions for Transportation
	4:00 PM – 5:30 PM	Exploring Safety in Motion with Drives	Something’s Brewing: Increasing Your Productivity and Quality with Siemens BRAUMAT Solutions	Understanding the Advantages of Medium Voltage GIS Switchgear	Lowering Your Energy Costs and Reducing Your Company’s Environmental Footprint with SYLVANIA Lighting Systems	Maximizing Your Motor and Drive Investments with Preventive Maintenance
	5:30 PM – 6:30 PM	Networking Reception in the Showcase				

9:00 AM – 10:30 AM

Driving Smart: Energy and Cost Savings Using Drives Technology

Participants in this session will learn how to optimize cost savings with state-of-the-art drive technology and premium efficiency motors. Attendees will see that variable frequency drives allow more efficient control processes than ever before. Many even have the potential to return energy to the power grid through their regenerative capability, further reducing their ROI. 🌟🌟

Introducing the “SIMATIC S7-1200 Innovation Tour”

What is the driving force behind success in today’s automation? Besides keeping cost as low as possible, the driving force in today’s marketplace is engineering time. An idea must be developed into a marketable product as quickly as possible. This means engineering time must be reduced, operations simplified and automation systems must be reusable and flexible. Moreover, your investment must be secured in the long term. Attend the SIMATIC S7-1200 Innovation tour to find out how to stay ahead of your competition on these high demands. 🌟🌟

Understanding Mass Notification and Developing a Responsible Plan of Action

This session covers the elements that must be understood in planning and addressing emergency communications systems, including mass notification. Attendees will learn the steps needed in developing mass notification plans for their businesses and organizations. Up-to-date technologies and code activity affecting mass notification are included. The session also covers solutions to challenges faced by others in executing mass notification. 🌟

Exploring Best Practices for Five-axis Machining in the Aerospace Industry

This presentation will provide an overview of best practices in five-axis CNC machining and examples of how it is used in the aerospace industry. Attendees will learn ways to make five-axis machining easier. Optimized five-axis functions, maximizing control over quality at the machine, and optimum performance throughout the entire CAD/CAM/CNC process chain will also be discussed. 🌟🌟

Applying Instrumentation and Analytical Solutions for Water Management

Adopt a single-source strategy that combines process know-how with the matching instrumentation. This combined approach helps you achieve safety and water quality demands for water and wastewater applications. 🌟🌟

11:00 AM – 12:30 PM

Introducing Web Server Technology in Motion Control Solutions

Programmable Automation Controllers (motion controllers) with embedded Web servers are no longer a “bell and whistle;” now, they are a cost saving tool. Participants in this session will learn how SIMOTION, Siemens Motion Controller, is leading the industry in web-server functionality – reducing operational costs by eliminating the need for end-users to buy expensive engineering software and attend weeks of training. Attendees will also understand how it saves OEMs time and money by eliminating the need for an onsite visit with every firmware update, project update, or troubleshooting request. 🌟🌟

Seeing is Believing – Answers for Machine Communications

Machine communications simplified. Join us for a quick, dynamic demonstration of how easily you can configure and manage your plant floor and learn how PROFINET CBA delivers: Simplified machine-to-machine communications, Plantwide Visibility, Seamless Integration, and Comprehensive Diagnostics. 🌀🌀🌀

Understanding North American Energy Market Fundamentals

Gain a better understanding of where North America is on supply and demand for electricity, coal, crude and natural gas. Also discussed will be where we are long and where we are short on energy; and how the US has a low-cost power advantage. 🌀

Exploring the Role of Siemens in the Water Business

Siemens is the global leader in water and wastewater treatment, with manufacturing and service facilities located throughout the world. From rural well sites to major cities, we provide equipment and services to take care of the world's water. Siemens also serves more than 90 percent of the Fortune 500 manufacturing companies, including approximately 100,000 industrial customers. Through high-purity water technology and related services, Siemens helps industry and manufacturers meet specific water quality requirements to ensure consistent processes and production. Siemens also helps industry meet ever increasing industrial wastewater regulations, while improving efficiency and reducing waste disposal costs. Siemens can maintain and upgrade treatment plants to take care of aging infrastructure, help you expand to accommodate growing populations, or build brand new energy efficient plants. Our green technologies can help increase efficiencies and reduce costs, and provide innovative solutions for water reuse and desalination. We can design and build, as well as help you with financing. 🌀

Understanding the Dangers of Arc Flash: Protecting Yourself and Your Assets

Protect yourself and your staff by learning the proper steps to deal with the dangers of arc flash. This Arc Flash Solutions Seminar examines primary causes of arc flash, industry standards and regulations (OSHA, NEC, NFPA-70), arc flash protection boundaries, and hazard risk categories for PPE. In addition, you'll learn the importance of arc flash studies, and why it is so important to take the right steps to protect your employees. 🌀🌀🌀

2:00 PM – 3:30 PM

Optimizing Your Machine with Mechatronics

Mechatronics is a cross-functional, engineering discipline that can be used to improve machine performance, increase productivity, consume less energy, provide more precision, and make the system safer. This seminar will introduce you to the concepts of Mechatronics and present real-world examples of how these tools have been used to successfully optimize machine operation. 🌀🌀

Improving Connectivity and Efficiency Through Industrial Networks

Make the right networking decisions today that pay off in process and productivity improvements. Industrial Ethernet makes it easier to monitor, troubleshoot devices – locally or remotely – and improve and maintain a plant network. Ease of implementation, improved fault tolerance, and improved performance of the automation network are benefits of introducing new networking solutions. In this session you will also learn the fundamentals of implementing an efficient wireless ethernet network. 🌀🌀

Understanding Next Generation Communications Systems for Electrical Infrastructure – IEC 61850 (Smart Grid)

Making our energy supply more reliable and efficient is a clear focus of US energy policy. IEC 61850 defines an ethernet communication system for medium voltage and high voltage equipment. Siemens is a leader in this standard and actively applying it in the field. Come to this session to learn how to migrate legacy systems, make your grid more intelligent, and save money by monitoring energy flows. 🌀🌀🌀

Exploring Water Treatment Solutions and Answers for Industrial Markets

Water and wastewater treatment are critical to every industry. Each industry has its own set of requirements which determine treatment needs, from process water to wastewater. The availability of high quality water is critical to healthy industrial growth. We will discuss supply challenges, regulatory pressures, and sustainability issues that could impact plant operations in the Pacific Northwest. Topics and solutions that will be covered during our presentation will include; rain water capture and reuse for LEED accreditation points, industrial wastewater recycles and reuse, storm water capture and treatment prior to discharge, ground water remediation, arsenic/nitrate treatment, mobile treatment solutions, and general capabilities. 🌀🌀

Exploring Hybrid Drive Solutions for Transportation

This session will provide the participant a technical overview of series and parallel hybrid drive systems, including energy storage with batteries, ultra capacitors, or fuel cells. Application examples will provide the participant a guideline to choose the most suitable propulsion solution for a state-of-the-art electric propelled vehicle. 🌀🌀

"The issue that Siemens is driving here is helping customers control costs."

– Washington, DC attendee

4:00 PM – 5:30 PM

Exploring Safety in Motion with Drives

Participants in this session will learn how drive-based Safety Integrated functions lower a machine or process' total cost through:

- Minimizing the number of components required for a safety system
- Reducing the labor needed to construct and engineer a traditional safety system

Participants will understand how these benefits address today's machine control safety standards, delivering increased machine uptime, and improved safety compliance. ⚙️⚙️

Something's Brewing: Increasing Your Productivity and Quality with Siemens BRAUMAT Solutions

As a brewer, you want a control system that can help you increase your productivity, improve the quality and consistency of your product, and boost production levels – all without turning your staff into system programmers. Simply put, this cost-effective brewery control system gives you the flexibility to automate as little or as much as you want so you can focus on what you do best – great tasting beer – without losing brewing process. Join us to understand how the Siemens BRAUMAT solution has helped brewers make four times as much beer as they did before without adding a person. ⚙️⚙️

Understanding the Advantages of Medium Voltage GIS Switchgear

This session will compare total cost of ownership of GIS fixed breaker type switchgear versus traditional air insulated draw out equipment. ⚙️⚙️

Lowering Your Energy Costs and Reducing Your Company's Environmental Footprint with SYLVANIA Lighting Systems

Learn how innovative SYLVANIA Fluorescent, HID, and LED systems can help. What you need to know about lamp and ballast legislation, and how it impacts your business. How SYLVANIA lighting can help with LEED certification. ⚙️⚙️

Maximizing Your Motor and Drive Investments with Preventive Maintenance

Session participants will learn how a preventive maintenance agreement helps optimize the reliability of their drives and motors, while also protecting their investment. Proper maintenance, priority access to a local network of Siemens field service technicians, and a proactive approach to upgrades are just a few of the features reviewed during this session. ⚙️

Notes

Recommended Seminar Sessions

To help you optimize your time and get the information you need, see page 10 for recommended tracks.

Recommended seminar sessions

To help you optimize your time at the Siemens Answers for Industry Conference, and get the information you want, we have summarized the seminars being offered below based on vertical industry and technology. When planning your personalized seminar schedule, please allow time in your schedule to experience the hands-on Answers for Industry Showcase.

Automation

Tuesday August 24, 2010

- Introducing the "SIMATIC S7-1200 Innovation Tour" – 9:00 AM – 10:30 AM
- Deploying Process Instrumentation and Analytic for Emissions Control – 11:00 AM - 12:30 PM
- Case Study: Machine Retrofit Solution with Siemens TIA – 2:00 PM - 3:30 PM
- Reducing Production Costs with Integrated Safety – 2:00 PM - 3:30 PM
- Achieving Sitewide Communication Through Totally Integrated Automation and Power – 4:00 PM - 5:30 PM
- Exploring Distributed Power and Totally Integrated Power – 4:00 PM - 5:30 PM
- Case Study: Wastewater Treatment Plant Automation and Control Using Siemens TIA – 4:00 PM - 5:30 PM

Wednesday August 25, 2010

- Introducing the "SIMATIC S7-1200 Innovation Tour" – 9:00 AM - 10:30 AM
- Applying Instrumentation and Analytical Solutions for Water Management – 9:00 AM - 10:30 AM
- Exploring Best Practices for Five-axis Machining in the Aerospace Industry – 9:00 AM - 10:30 AM
- Introducing Web Server Technology in Motion Control Solutions – 11:00 AM - 12:30 PM
- Seeing is Believing – Answers for Machine Communications – 11:00 AM - 12:30 PM
- Understanding the Dangers of Arc Flash: Protecting Yourself and Your Assets – 11:00 AM - 12:30 PM
- Improving Connectivity and Efficiency Through Industrial Networks – 2:00 PM - 3:30 PM
- Something's Brewing: Increasing Your Productivity and Quality with Siemens BRAUMAT Solutions – 4:00 PM - 5:30 PM
- Lowering Your Energy Costs and Reducing Your Company's Environmental Footprint with SYLVANIA Lighting Systems – 4:00 PM - 5:30 PM
- Exploring Safety in Motion with Drives – 4:00 PM - 5:30 PM

Building Technology

Tuesday August 24, 2010

- Green Board Rooms and Green Buildings: A Perspective from Corporate America – 9:00 AM – 10:30 AM
- Preparing a Building for Smart Grid – 11:00 AM - 12:30 PM
- Maximizing Your Building Automation Investment Through a Life-cycle Management Program – 2:00 PM - 3:30 PM
- Integrating Building Automation Systems Within a Facility – 4:00 PM - 5:30 PM

Wednesday August 25, 2010

- Understanding Mass Notification and Developing a Responsible Plan of Action – 9:00 AM - 10:30 AM
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- Lowering Your Energy Costs and Reducing Your Company's Environmental Footprint with SYLVANIA Lighting Systems – 4:00 PM - 5:30 PM

Electrical

Tuesday, August 24, 2010

- Implementing Innovative Power Distribution Solutions – 9:00 AM - 10:30 AM
- Attaining an ROI from a Power Monitoring and Control System – 11:00 AM - 12:30 PM
- Case Study: Increasing Uptime and Productivity – 2:00 PM - 3:30 PM
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Motors & Drives

Tuesday, August 24, 2010

- Applying Variable Speed Electric Drives in Mainline Compressor Stations – A Look at One Solution – 9:00 AM – 10:30 AM
- Specifying Electric Motors with Emphasis on Maximizing Efficiency – 11:00 AM - 12:30 PM
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Wednesday, August 25, 2010

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- Exploring Best Practices for Five-axis Machining in the Aerospace Industry – 9:00 AM - 10:30 AM

- Optimizing Your Machine with Mechatronics – 2:00 PM - 3:30 PM
- Exploring Hybrid Drive Solutions for Transportation – 2:00 PM - 3:30 PM
- Exploring Safety in Motion with Drives – 4:00 PM - 5:30 PM
- Maximizing Your Motor and Drive Investments with Preventive Maintenance – 4:00 PM - 5:30 PM

Sustainability

Tuesday August 24, 2010

- Leveraging Renewable Energy Solutions – 9:00 AM - 10:30 AM
- Applying Variable Speed Electric Drives in Mainline Compressor Stations – A Look at One Solution – 9:00 AM - 10:30 AM
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Water & Environmental

Tuesday, August 24, 2010

- Case Study: Wastewater Treatment Plant Automation and Control Using Siemens TIA – 4:00 PM - 5:30 PM

Wednesday, August 25, 2010

- Applying Instrumentation and Analytical Solutions for Water Management – 9:00 AM - 10:30 AM
- Exploring the Role of Siemens in the Water Business – 11:00 AM - 12:30 PM
- Exploring Water Treatment Solutions and Answers for Industrial Markets – 2:00 PM - 3:30 PM

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