

Remote 2010

CONFERENCE AND EXPO

October 19th - 20th, 2010
Dallas, Texas
www.RemoteExpo.com

Advancements in Managing and Monitoring Mission Critical Sites and Equipment

The Remote 2010 Conference and Expo is the leading event on advancements for the monitoring and management of distributed equipment and facilities, remote assets, infrastructure, automated process & system controls and device networks.

REGISTER BY AUGUST. 19TH AND
SAVE \$300
TEAMS SAVE EVEN MORE!

Remote 2010 Conference & Expo

The 9th annual conference and expo will be held October 19-20, 2010 in Dallas, Texas. This technology-driven and solution oriented event brings together the innovators and users from multiple industries, including utilities, infrastructure, power, oil & gas, telecom, industrial, water & public utilities, agriculture, remote networks, and facilities management.

Remote 2010 Conference and Expo will focus on the leading advancements for the monitoring and management of distributed equipment and facilities, remote assets, infrastructure, automated process & system controls and device networks. Large-scale users and industry experts will speak on SCADA, remote networking technology, security (cyber and physical), control, automation, onsite and back-up power, M2M, emerging wireless technology, telemetry and condition monitoring.

This year's event will offer managers of distributed equipment and remote facilities the most informative conference on these mission critical technologies. Technical presentations will provide focused sessions the latest technologies and market trends, multiple case applications from users in many industries and integrators, and how-to sessions for the engineers and managers of mission critical infrastructure, remote and unattended sites.

The two-day international conference will serve equipment and facility managers, communications system operators, designers, developers and integrators interested in learning the latest capabilities and best practices in these rapidly advancing fields. This will provide an opportunity to network with peers, professionals and potential business partners involved in technology solutions serving a variety of applications. Learn about the newest innovative projects and see the latest products, services and systems available. Discover what's coming next!

New in 2010

For the first time ever the Remote Conference and Expo will be Co-located with five other industry leading events. Attendees can walk the combined exhibit halls of Battery Power 2010, Antenna Systems 2010, Energy Efficiency Expo, Thermal Management and Technology Symposium and the Electrical Manufacturing & Coil Winding Expo. (See page 9 for exhibitor list)

Who Should Attend

- Managers of Infrastructure Systems & Mission Critical Equipment
- Managers of Remote Sites and Equipment
- Managers of Distributed Equipment, Facilities and Networks Managers
- System Designers and Application Developers
- Communications, SCADA and IT Managers
- Process Control Managers and System Designers
- System Integrators, Value Added Resellers and Dealers
- Managers of Power & Control Systems
- OEM Design Engineers seeking to equip their products, devices and systems with the latest technologies for remote monitoring, control and automation

Why You Should Attend

- Catch up on the latest technology, standards and protocols and how they affect your systems.
- Learn how to select the right remote monitoring/networking system for your application.
- Find out the best ways to adapt and upgrade existing systems using the latest technology.
- Discover new system designs, capabilities, development and implementation.
- Learn about new applications and system capabilities
- Improve the performance and security of your system

Conference Workshops

Two-Day Special Seminar and Training on Key Standards For Smart Grids: IEC 61850, IEC 61400-25 and DNP3

October 19-20, 2010 - Gaylord Texan • Dallas, Texas
Register at www.RemoteExpo.com - (\$1,350)
Includes Access to Exhibit Hall and all Remote 2010 Networking Functions

Useful information and interoperable information exchange are among the most crucial needs for Smart(er) Grids. The "NIST Smart Grid Interoperability Standards Roadmap" recommends several standards for the interoperable exchange of information at the process level. Crucial standards like IEC 61850 and DNP3 are marked as high priority solutions.

The international standard series IEC 61850 "Communication networks and systems for power utility automation" and the specific extensions for wind turbines, hydro power plants and distributed energy resources provide a unique solution comprising information models, information exchange services (real-time and client/server) and a system and device configuration language for a wide range of applications.

In this comprehensive 2-day workshop students learn the fundamental concepts and vision of the NIST Smart Grid activities and of the IEC 61850 standard series. Students compare well known solutions like DNP3 and the new OPC UA with IEC 61850 and discuss the strength each method offers. All the IEC 61850 standards, their extensions, and many application domains are briefly discussed and the class delves into IEC 61850 real-time and client/server solutions. Each student (that brings his own PC) will do some hands-on training with client/server communication and GOOSE messaging.

Instructor: Karlheinz Schwarz (NettedAutomation) specializes in distributed automation systems. He is involved in international standardization projects (IEC 61850: utility automation, DER, hydro power; IEC 61400-25: wind power; IEC 61158: fieldbus; ISO 9506 – MMS) since 1984.

A Vendor-Neutral, Educational Seminar on the First Open Interoperable Wireless Communication Standard for the Process Industries

October 18, 2010 - Dallas, Texas
1:00pm - 4:30pm at the Gaylord Texan Hotel & Convention Center
Register at www.RemoteExpo.com - Free!
Space is limited - Pre-registration is recommended

Learn how this exciting new technology can help lower your operating costs, reduce downtime and move your company from a costly scheduled maintenance strategy to a more cost-effective predictive maintenance strategy.

Topics include:

1. An introduction to wireless technology
2. What WirelessHART technology can do for you
3. An overview of WirelessHART technology
4. Using WirelessHART technology
5. Planning a successful wireless project
6. Live WirelessHART demonstrations

Who Should Attend:

1. Automation professionals interested in using WirelessHART technology in their machines, process applications or industrial facilities
2. Engineering Contractors who are designing applications, plants and facility upgrades
3. Engineering and shop floor staff who need to gain experience and exchange information about maintenance, asset management, advanced diagnostics, and commissioning tools

Presenters:

Industry specialists from the HART Communication Foundation, ABB, Emerson, Endress+Hauser, Pepperl+Fuchs and Siemens.

Conference Program

Day 1 - October 19th, 2010

7:00am - 8:00am - Continental Breakfast/Registration Opens

8:00am - Keynote Address

From Data Acquisition to Execution of Actionable Intelligence: The Evolution of SCADA

In this presentation, Frost & Sullivan will discuss mega trends expected to affect the global SCADA markets. This global outlook aims to identify the impact of various market forces, evolving dynamics across end-user verticals and geographies. The presentation will also highlight technology trends and impending business imperatives, including the cyber security aspects. From an emerging market perspective, we will also look at market opportunities for SCADA in smart grid and its associated challenges. Ultimately, the outlook would critically evaluate the existing value chain and provide conclusions with strategic insights on further market evolution.

*Muthuraman Ramasamy, Senior Analyst and Team Lead
Frost & Sullivan's North American Industrial Process Control & Automation*

9:00am - Featured Presentation

Enabling the Smart Grid's Network

There is global confusion about the lack of a clear Home Area Network standard. While industry discussions are underway, it is clear it will take several years for industry to make a decision. Given the rapid pace of technological change, it is unlikely that anything selected today will be accepted five years from now. A group of utilities and manufacturers concerned about the lack of standards and HAN-enabled products are recommending a unique approach to the problem that benefits manufacturers, consumers and utilities alike. Their solution allows manufacturers to build smart grid ready products that can support any HAN today or in the future. Whether the network supports ZigBee, 6LoPAN, WiFi, Z-Wave, HomePlug or HomeGrid, an affordable module allows products to connect to any utility HAN, wireless LAN or home automation network.

*Moderator: Barry Haaser • U-SNAP Alliance
Jon Rappaport • Sensus
Charles Spirakis • Google
Jan Petersen • OurHomeSpaces*

10:10am - Break Out Sessions Begin

Electricity for Free? The Dirty Underbelly of SCADA and Smart Meters

Most have seen video clips from movies like Die Hard 4 where critical infrastructure systems like electric power and gas delivery systems are hacked. How much of the truth is being stretched in these movies? This session will first define the subsystems or layers of SCADA and Smart Metering systems. Then we will show several typical network architectures for SCADA and Smart Metering systems, and place all of the subsystems and layers into a model so that everyone can visually see how and where security vulnerabilities affect the performance of the system.

Having performed over 100 security assessments of SCADA and Smart Metering systems from around the world, we will then depict the outcome of the analysis performed on a dataset of over 38,000 vulnerabilities found in SCADA and Smart Metering systems.

Those attending this session will be able to see how the security vulnerabilities are different at each layer of the system, and learn valuable ways to defend these systems against known attack vectors. At the end of the session, we provide a progression of several solutions that can be used to mitigate the risks that we expose.

Jonathan Pollet, Network Engineer • ControlWare Corp.

10:10am - Break Out Session

Easily and Economically Migrating from Analog to IP Surveillance

Security managers know they will migrate to IP but do not know how. What they do know is they need to preserve their present analog investment. They will be sharing their company's data net, but do not know how to talk to IT. How do they present an analog to IP migration in a way that IT will accept?

In this presentation learn about the three challenges to upgrading from an analog to IP based surveillance. Topics include camera systems, transmission and cabling, power supplies, and building a control room. The speaker will call out the key trends in the industry as seen by end users and provide data on how many analog cameras and systems there are in the market.

Dan Stricklin, Director, Central Region • Infinova

Conference Program

10:50am - Break Out Session

Implementing Secure DNP3 Authentication in a Utility SCADA System – A Case Study

A water utility in Australia is operating Secure DNP3 Authentication. This security measure ensures that only authorized assets can connect to an RTU over the SCADA network. Any node attempting to connect must go through an authentication process. This session will include implementation steps as well as support from the DNP committee, as it represents a relatively early installation.

Kevin L. Finnan, Vice President of Marketing • CSE-Semaphore

10:50am - Break Out Session

Protecting Critical Infrastructure with Remote Monitoring & Video Analytics

Several years ago, the Borough of Kutztown in Penn. faced a 48-hour shutdown to inspect and ensure the safety of its drinking water supply after a breach in the security. The borough recognized it needed to solve this major security issue, how to remotely monitor its drinking water supply and provide around the clock security and monitoring of its water tanks to detect intruders.

This presentation will cover the process the Borough took to identify its security needs and how it implemented its video analytics solutions. In addition, attendees will hear about its grant funding, lessons learned, challenges faced throughout the installation and how the system works today.

Stephen Grein, Director of Corporate & Product Marketing • DVTel, Inc.

11:30am - 2:00pm - Lunch/Dedicated Exhibit Hall Time

2:00pm - Break Out Session

Ubiquitous Phasor Devices and Streaming Data: Connecting, Aligning and Storing Real-time Grid Data

The advent of high speed networks to the substation has made available a large assortment of streaming measurements from monitoring devices such as phasor measurement units (PMU) that can now be used to increase grid visibility and consequently reliability. Learn about the issues concerning how to collect the data from disparate devices and differing protocols as well as how to time align and store large quantities of this data in a reliable, retrievable method.

Paul Trachian, Synchrophasor Technology Architect • Grid Protection Alliance

2:00pm - Break Out Session

Integrating Wireless Technology into Existing Systems – Focus on Cellular

The current ubiquity of data networks coupled with increasing global demand for connected, smartphone-accessible applications are making wireless mobility a competitive necessity within Smart Grid and remote monitoring devices. While short-range wireless technologies offer plenty of advantages, they can't compete with cellular on overall reach, accessibility and reliability.

This presentation will offer engineers and product managers valuable insight into the complex process of building M2M cellular mobility into connected devices by breaking down the value chain and focusing on important design variables, integration considerations, necessary industry requirements, and carrier certification best practices. Attendees of this session will learn about the variety of wireless networking applications currently available, how they are utilized to support the remote monitoring solutions, as well as how to justify the costs of designing wireless technologies into new devices.

Michael Ueland, VP of Sales & General Manager • Telit Wireless Solutions

Dave Jahr, General Manager • Janus Remote Communications

2:40pm - Break Out Session

The Increased Interest in Video's Role in SCADA and Remote Monitoring

Incorporating video into remote monitoring or SCADA systems doesn't always provide the value to justify its cost. Before incorporating video into automation efforts, companies should ask, "How will it be used?", or more specifically, "What value will video add to remote surveillance applications?"

Asking "Why are you interested in video?" often produces an answer that doesn't involve video. In fact, 9 out of 10 video projects that GlobaLogix designs end up not being executed.

Citing examples from projects with the Corp. of Engineers and pipeline company Oxy, GlobaLogix will help you discern if video augmented SCADA is right for your installation by discussing the technologies used, bandwidth needed, system design considerations, security issues and alternatives to video.

Jim Ferrero, Vice President • GlobaLogix

Conference Program

2:40pm - Break Out Session

Municipal and Military Agencies Hang-Up On Wired SCADA Systems

Learn about the use of both proprietary and standards-based technologies such as 900 Mhz spread spectrum, WiFi, GSM, UHF and Bluetooth as it relates to wireless reliability, wireless advantages, network security, performance and implementation considerations.

This presentation will include testimonials from municipalities such as Rancho Santa Fe Irrigation District, Goleta Water, City of Santa Barbara and recent infrastructure upgrades at Camp Pendleton and Lackland AFB bases taken after the conversion from wired to wireless, and the direct reasons or justifications and pay-offs gained.

Attendees will learn about the challenges of migrating from old to new technologies and hurdles encountered and overcome along the way to successful start-up. The session will also compare and contrast traditional wired sensor and pump/valve controller applications with wireless alternatives.

Paul Mercier, Manager of Business Development • Phoenix Contact, Inc.

*Elijah Standing Warrior, Maintenance Supervisor
Rancho Santa Fe Irrigation District*

3:30pm - Break Out Session

From Power Quality to Consumer Demand Response: The Promise of Smart Grid and the Communications Required to Support It

As utility companies contemplate Smart Grid implementation, several key strategic decisions must be made that directly impact communications and enterprise storage demands. This session poses several key decision areas and discusses the ramifications to communications and enterprise storage of the available options. Holistic views of key aspects of Smart Grid - AMI, Distribution Automation and Demand Response - will be used throughout the session.

*Tony Burge, Senior Product Manager for industrial wireless solutions
GE Digital Energy - MDS*

Register at www.RemoteExpo.com

3:30pm - Break Out Session

Wireless Technologies for SCADA Applications – Technology Review and Application Examples

Many wireless technologies are available for SCADA applications including licensed, frequency-hopping, 802.11, cellular and wireless I/O. Each technology has its own benefits and works best for its own set of applications. This session will compare wireless technology fit and costs with distance/terrain, required data rates, protocol connectivity and more. Case studies will be presented to illustrate the wireless technology tradeoffs.

Chuck Clark, Manager, SW Region • ProSoft Technology

4:10pm - Break Out Session

Real-Life War Stories: Remote Device Management in the Age of Automation

Growing system complexity and shrinking budgets have led companies to leverage automation (M2M) to manage IT and voice systems. However, adopting M2M poses a variety of connectivity, scalability and security-related challenges. Featuring case studies from both enterprises and service providers, API Technologies will highlight common remote device management challenges and the practical solutions these organizations leveraged to overcome them. Learn how, by addressing these remote device management challenges, these companies have simplified automation and significantly reduced the cost of operations.

Henry Gold, VP Customer Services • API Technologies

4:10pm - Break Out Session

Rethinking the M2M Network: Why Signing a Wireless Data Plan and Plugging in a SIM Card Isn't Enough

In this presentation Alex Brisbane will discuss the work his team has done to design the network into M2M applications, and how the economics of M2M have improved for application providers, integrators and end users alike. He will outline several emerging success stories including an irrigation device to help improve water management and a device for the wind energy industry that improves the efficacy of energy capture based on real-time wind patterns. He will walk through the entire development and integration process, from device approval through implementation, and provide insight as to how re-thinking the network platform helped every stakeholder overcome barriers to adoption.

Alex Brisbane, President and COO • KORE Telematics, Inc.

4:50pm - Break Out Session

Conference Program

Alarm Augmented SCADA

In some scenarios, SCADA systems can't effectively handle real-time alarms. Often this is due to an overloaded polling server that needs to reach a large number of nodes, but there can be other causes as well. A supplemental call out service may add the required capability at a marginal incremental cost. Voice, email and SMS notifications can be sent to a pre-determined recipient list to notify them of the alarm. All of this functionality can be delivered through either a satellite or cellular solution.

This presentation will provide a number installed examples of how end-users have augmented their existing SCADA using a secondary call-out service.

Matt Begler, Vice President of Sales • M2M Data Corp.

5:30pm - 6:30pm - Cocktail Reception in Exhibit Hall

Day 2 - October 20th, 2010

7:30am - 8:00am - Continental Breakfast/Registration Opens

8:00am - Day 2 Keynote Session

Wireless Sensor Networks – Applications, Technology & New Developments Panel discussion

Join four experts on wireless sensor networks (WSN) as they discuss the benefits and applications for managers and operators of remote and distributed assets. Using real-world examples as the backbone of the discussion, panelists will field questions from the audience on designing, maintaining, and implementing a WSN. Additional topics include, but are not limited to: transforming data into usable and actionable information, benefits of an end-to-end wireless sensing solution, how to reduce costs and be more energy efficient with wireless sensing, energy measurement, as well as real time access and control.

Jim Kokal, President & CEO • Wavetrix, Inc.

Rod Montrose, Founder & CEO • AVIDwireless

Aaron LaJoie, Electrical Engineer • Electrochem Solutions

Loic Moreau, Business Segment Manager • LEM International SA

End-User Criteria for Purchasing Decisions on Systems & Services for Data Acquisition, Remote Monitoring and Control

Understand the key criteria for making purchase and cost-justification decisions about equipment and services for data acquisition, remote monitoring and control. This presentation is based upon the findings of a recent study of end users in multiple industries and infrastructure organizations. Learn the importance of key system attributes in valuing your capital investments and operations expenditures such as alarm response time, installation costs, operational expenses, security, SCADA and IP functionality, communications, performance quality and reliability.

Per Sjöfors, Founder • Atenga, Inc.

10:10am - Day 2 Break Out Sessions Begin

General Services Administration Enterprise Energy Management Program - A Case Study

With a mixed estate portfolio exceeding 880 facilities and a total annual energy cost approaching \$315,000,000.00, the US General Services Administration (GSA) is well positioned to demonstrate leadership in energy efficiency through a remote Enterprise Energy Management Program. Through the use of advanced energy analytics, the GSA is delivering actionable operational intelligence throughout the Administration.

As required by Section 103 of the Energy Policy Act of 2005 and EISA 2007, the GSA Enterprise Energy Management Program will facilitate the Agency's goal of nationwide reduction of energy consumption, resulting in millions of dollars per year of cost avoidance while reducing GhG emissions and enhancing energy reliability to the US's Federal facilities. This presentation will reveal the opportunities and challenges of deploying and operating a complex, enterprise-wide energy management and monitoring system across a large geographic region.

James A. Plourde, National Business Development Manager •

Schneider Electric North America

9:10am - Day 2 Featured Presentation

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Conference Program

10:10am - Day 2 Break Out Session

Contrasting SSL VPNs with IPSEC VPNs

SSL VPNs come in "fat client" and "thin client" versions, and both have advantages over traditional IPSEC VPNs for secure remote access to substations, pumping stations and other remote sites. This presentation compares these kinds of VPNs, discusses each of their strengths, weaknesses, and vulnerabilities. The presentation concludes with a discussion of newly-released technology to help manage SSL VPNs.

Andrew Ginter, CSO • Industrial Defender

10:50am - Day 2 Break Out Session

Building the Ideal Communication Network

Numerous communication technologies have been introduced into the market over the years, all claiming to be the best. How do you decide what truly is best for your situation, for your future expansion, for the changing needs of your organization? How can you utilize your current communication systems in combination with newly available products and technologies to create a near perfect solution while also reducing the likelihood of technology obsolescence.

This presentation focuses on creating the ideal communication network using a "Hybrid" approach to monitoring, controlling, pushing network capability to the extreme. You'll learn how to integrating various communication options to create a robust and reliable system to meet your specific requirements.

Andrejs Rozitis, Applications Engineer • FreeWave Technologies, Inc.

10:50am - Day 2 Break Out Session

Remote Video Monitoring for Improved Security, Safety and Compliance

Learn how one leading industrial facility implemented remote wireless video monitoring to meet regulatory compliance mandates. See a live demo of how wireless cameras were installed at critical locations such as entrance gates and shipping docks and how operators monitor and diagnose operations through a central dashboard console with real-time views of all facility cameras. We'll discuss video triggered alerts and alarms that notify operators of specific facility events and how the ability to remotely monitor the status and network activity of all cameras has provided a substantial increase in security and safety.

Stephen Lambright, Co-Founder • Apprion

11:30am - 1:00pm - Lunch/Dedicated Exhibit Hall Time

1:00pm - Day 2 Break Out Session

Connecting Critical Infrastructure to Increase Network Performance and Reduce Costs

The decision to deploy wireless technology in industrial facilities can provide significant benefits such as improving safety, ensuring compliance and providing a higher level of plant optimization. Wireless systems have expanded into a variety of vertical markets and are used for monitoring of SCADA applications including temperature, pressure, flow and/or levels in the process, data and control applications.

The demand for wireless systems is being driven by the cost of required data acquisition systems. These systems are used for process optimization, regulatory compliance, quality control, safety and security. SCADA systems utilizing wireless technology offer many benefits including reduced installation and implementation costs, enhanced security and improved reliability.

Learn about the key elements of any communications network - reliability, security, investment protection, scalability and system maintenance - and why the selection of the appropriate technology for SCADA networks is an essential element to ensure the network's optimal performance.

Rishi Bharadwaj, VP of Product Management, Antenna Products Group • PCTel

1:00pm - Day 2 Break Out Session

Power Management Solutions for Remote Sites

Managing power effectively, whether from commercial service or hybrid alternatives, ensures network availability. During this session, we'll discuss a how to build a comprehensive power management solution, the key parts of the system from generators, battery plants, commercial prints, remote monitoring, hybrid power management and what a power management solution should provide.

Also learn how remote monitoring and management of power and energy can reduce a company's carbon footprint, manage hybrid power sources, and increase energy efficiency with the ultimate goal of reducing operational costs and environmental impact.

Ben Stump, Executive Vice President and CTO • Kentrox

Conference Program

1:40pm - Day 2 Break Out Session

Controlling Base Station Site Performance – Considering the Cost of Chaos

As carrier networks continue to grow they become more complex demanding, increased maintenance. It is becoming increasingly more challenging for operators to identify efficient ways to make major improvements to their networks and to manage their distributed network infrastructure.

Because of this, controlling base station site performance is no picnic. Dozens of subsystems must be controlled and monitored independently. Now multiply that by the number of cell sites in a network. To help navigate these challenges, this presentation will cover five key areas where monitoring, control and maintenance can produce potential in areas such as cell site visits, energy related expenses, crime related expenses, intangible problems and regulatory reporting.

*Cari Rhodes, Product Line Manager - Network Solutions Group
Andrew Solutions*

1:40pm - Day 2 Break Out Session

Case Study: Solar as a Convenient and Cost-Effective Power source in Remote Locations

Solar is a cost-effective power supply for small-to-modest loads in remote locations where utility power is not available. Solar is easy to install and can be co-located with the equipment it is powering. SunWize will present a case study where a customer provided onsite power for remote site surveillance system.

*John F. DeBoever, Director of Industrial Power Systems •
SunWize Technologies*

2:20pm - Day 2 Break Out Session

Advancing the Grid with Data Polling and Customer Information Access

SaskEnergy and its transmission and storage subsidiary TransGas jointly manage 80,000 kilometers of distribution, gathering and transmission pipeline. Their SCADA systems monitor hundreds of metering, control and storage facilities located in highly remote locations and provide near-real-time measurement data for acquisition and provisioning decisions. Learn how TransGas is utilizing advanced broadband communication solutions to remotely monitor pipelines and field assets while lowering operational costs and improving productivity.

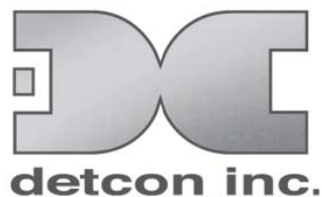
Andy James, Director of Sales Mobile & M2M Group • Sierra Wireless

Participating Companies

Below is a partial list of companies that will be attending the 2010 Remote Conference and Expo, or have attended past Remote Conferences

4RF Communications	Nebraska Central Telephone Co.
Aberdeen Group	N-TRON
Accenture	Open Systems International, Inc.
Alber	Pacific Gas and Electric
Arizona Public Service	Phoenix Contact
Asentria	Point Six Wireless
AvaLAN Wireless	PPM Energy
AVIDWireless	ProSoft Technology
Barrier Group	Provo River Water Users Assn
BP	Railway Equipment Company
BS&B Safety Systems	Rogers
CalAmp DataCom	San Antonio River Authority
Charleston Water System	Sensicast Systems
Control Microsystems	Satel
CSE-Semaphore	Sierra Wireless
Digi International	SignalFire Telemetry
Dust Networks	Silver Spring Networks
Eaton	Skymira
Edison Automation	SkyTerra Communications
Endress + Hauser	Solarcraft, Inc.
Fairfax County Department of IT	Soos Creek Water & Sewer District
FreeWave Technologies, Inc.	Southern California Edison
GE MDS	Sonoma County Water Agency
Geist Manufacturing	SunWize Technologies
GlobalLogix	Telular
Hirschmann Automation and Control	TESSCO
Industrial Defender	Town of Castle Rock-Utilities
KORE Telematics	TransCanada Hydro NE
Kyocera Solar, Inc.	Uplogix
Lantronix	USAF
Lockhart Power Company	UTC Power
Moxa Technologies, Inc.	Valley Metro Rail
National Instruments	Verizon Wireless
Navajo Tribal Utility Authority	WAGO Corporation
Naval Surface Warfare Center	Wartsila North America, Inc.

Sponsors & Exhibitors



Supporting Organizations



Media Sponsors



Co-Located Events

For the first time ever, six leading, market-focused events will be co-located and share a combined exhibit hall. Together they form a strong learning environment and networking opportunities for design/system engineers, manufacturing and facility managers, control and wireless specialists, managers of critical infrastructure and operators of remote/distributed equipment. Executives and decision makers from multiple industries and markets throughout the world will be represented.

Remote 2010 Conference and Expo attendees will have access to a shared exhibit hall. (Conference descriptions to the right)

The upgraded registration options for these events allow attendees to select sessions that suit their particular needs. An upgraded registration includes access to sessions and conference proceedings.

Attend One Additional Conference: \$150

Attend Two Additional Conferences: \$250

Attend Three Additional Conferences: \$350

(Excludes the EMCW Event)

BATTERY POWER 2010

International Conference & Expo

Battery Power 2010 highlights the latest developments and technologies in the battery industry. Topics will include new battery designs, emerging technologies, battery materials, power management, charging and testing systems, battery health, as well as the latest market trends affecting the industry.

www.BatteryPowerOnline.com

ANTENNA SYSTEMS 2010

Premier Conference on the Latest Advancements in Antenna Systems & Technology

The 2010 Antenna Systems Conference is focused on the latest advancements in antenna systems and technology. The event will serve OEM developers of products that utilize antennas and antenna systems, antenna manufacturers and suppliers interested in learning the latest capabilities and best practices in this rapidly changing field.

www.AntennasOnline.com

THERMAL MANAGEMENT & TECHNOLOGY SYMPOSIUM 2010

Thermal Management and Technology Symposium 2010 is a conference highlighting the latest advancements in thermal technology for product design. Topics will include new thermal technology, commercial applications, recent research and development in thermal science, and the latest trends in thermal materials, products and systems.

www.ThermalNews.com

Energy Efficiency Expo 2010

Lighting • Power • Wireless Mobility • Energy Management

Energy Efficiency Expo 2010, a new trade fair showcasing products and services to help organizations reduce their energy consumption and become more energy-efficient. The event is designed to address the needs of managers and engineers who are responsible for facilities, manufacturing and industrial operations, equipment and machinery, fleets and mobile workforces in business, industrial and institutional environments, as well as product and system designers.

www.EnergyEfficiencyExpo2010.com



The Electrical Manufacturing and Coil Winding Expo provides presentations related to the latest design and manufacturing technologies of transformers, permanent magnets, AC/DC motors, electrical coils and components.

www.ElectricalManufacturing.org

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Registration Information

Two Day Pass

Provides access to both days of the conference. Includes all networking and expo activities and reception.

	(1 person)	(2 people)	(3 people)
Before August 19 th	\$695	\$595	\$495
After August 19 th	\$995	\$895	\$795

Single Day Pass

Provides access to either one of the individual days of the conference.

Before August 19 th	\$495
After August 19 th	\$595

Federal Pass

Discounted rate for Federal, State, County and local entities, including military.

Before August 19 th	\$495
After August 19 th	\$595

Conference Workshop

Please see page 3 or visit www.RemoteExpo.com

Expo Only Pass

Provides access to combined conference exhibit hall. The Exhibit Only pass does not include conference proceedings, admittance to conference sessions or food/beverage.

Before August 19 th	\$495
After August 19 th	\$595

Co-Located Conference Access

Provides access to both days of the conferences and conference proceedings to an additional event. Excludes EMCW.

Attend one additional conference:	\$150
Attend two additional conferences:	\$250
Attend three additional conferences:	\$400

Register Online
www.RemoteExpo.com
or call 800-803-9488

Cancellation Policy:

To receive consideration, all cancellations must be received in writing. Upon receipt, a refund or credit will be issued towards a future event produced by Webcom Communications, less a 25% administrative fee. (Cancellations which do not indicate preference will be issued credit.) No refunds will be issued within two (2) weeks of the event. Credit toward a future event can be issued if requested within 24 hours of the start of the conference and can be used for one year from the date of the event. Webcom Communications will not be held responsible for cancellations or delays in programming due to acts of God, war, government disorder, curtailment of transportation facilities, or other emergency making it inadvisable, illegal or impossible to hold the meeting.