October 6-7, 2005 • Orlando, Florida

Remote Monitoring 2005

Onsite Power 2005

Final Program Inside

The two leading conferences you can't miss this year — Remote Monitoring 2005 and Onsite Power 2005 — will be held October 6-7 at The Peabody Orlando Hotel in Orlando, Fla. This is the fourth year for these unique conferences that bring together the technology innovators and users from multiple industries, including utilities, power, oil & gas, telecom, industrial, water & public utilities, agriculture and facilities management.

SCADA and Data Acquisition

Wireless Mesh Networking

Security Solutions

Device Equipment Networking

Industrial Control and Automation

Telemetry

Fuel Cells

Renewable Energy Systems

Standalone Distributed Power

Small-Scale Cogeneration

UPS (Uninterruptible Power Systems)

24/7 and Remote Monitoring

www.RemoteMagazine.com

With many vertical trade shows and conferences covered by *Remote Site & Equipment Management Magazine*, we understand that there many options in your market, whether it is oil & gas, industrial, telecom, utilities or agricultural. There is one show that you can't afford to miss - Remote Monitoring 2005 and Onsite Power 2005.

As one of last year's attendees said, there is no other event that brings together such a focused group of attendees and vendors from as many diverse industries to offer the latest in technologies for mission-critical remote installations. The speakers are leaders in the industry. Exhibitors offer cutting-edge technology and services. Attendees are with industry leaders from many markets.

John Cargile, Program Manager

Remote Monitoring 2005

Remote Monitoring 2005 will focus on the leading advancements for the monitoring and management of distributed equipment and facilities, remote assets, automated process & system controls and device networks. Large-scale users and industry experts will speak on SCADA, security, control, automation, M2M, networking, telemetry and condition monitoring.

Onsite Power 2005

Onsite Power 2005 will look at the latest advancements in back-up, UPS, and standby power systems, and design strategies for distributed, remote and mission-critical equipment and facilities.

Produced by

REMOTE
Site & Equipment Management

Who Should Attend
Engineering Managers, System Designers and Application Developers

Communications, SCADA and IT System Managers and Developers

Managers of Distributed Equipment, Facilities and Networks

Managers of Remote Sites and Equipment

Process Control Managers and System Designers

System Integrators, Value Added Resellers and Dealers

Product Managers seeking new applications, technology advancements and partnerships

OEM Design Engineers seeking to equip theirproducts, devices and systems with the latest technologies for remote monitoring and automation.

Involved in These Types of Companies and Operations:
Public and Private Utilities in Water, Electric and Power

Oil & Gas Companies, Pipelines

Telecommunications

Manufacturing and Distribution

Natural Resource Management

Security, Public Safety, and Defense/Military

System Integration and Engineering Firms

Program

October 6
8:15-9 Opening Keynote
Highlights from 2005 Worldwide Research Study Series for Electric Power and Energy Pipelinesz

Charles W. Newton, Newton-Evans Research Company

9:15-10 Keynote
Telemetry, SCADA and Two-way Communication Systems

Chris Wylie, Director of Sales and Marketing,
QUALCOMM Wireless Systems

10-10:30 Networking Break in the Exhibit Hall

10:30-11:15 Breakout Session -- Onsite Power
Remote Monitoring & Management of Environmental Controls & Power Systems

Dave Boulos, ComBrio, Inc. and a representative from Liebert

10:30-11:15 Breakout Session -- Remote Monitoring
Wireless Instrumentation Comes of Age

Advances in digital technology are now making large-scale installations of wireless sensors practical. Discussed will be the characteristics of industrial wireless instrumentation that have been successfully installed in large-scale industrial applications. A comparison of the wireless protocols used in successful applications and an explanation of how and why these wireless protocols meet the needs for monitoring real-world industrial process variables will also be discussed.

Gene Yon, Accutech

10:30-11:15 Breakout Session -- Remote Monitoring
SCADA Communication - The Private Satellite Network Alternative

Christian Bergan, Director, Sales & Marketing, TSAT as

11:30-12 Breakout Session
Using Wireless Backup of Mission Critical SCADA Applications

Until recently, companies have struggled to find secure, reliable remote device management solutions. Because of reduced wireless airtime prices, network coverage expansion, increased network speed and reliability, and advances in wireless modem/gateway technology, solutions now exist that enable companies to easily manage remote assets. Companies use Cingular's high-speed EDGE network along with Digi's new wireless gateway to create reliable primary and back-up connections. These solutions enable companies to increase uptime and speed reaction time to problems, thus maximizing a company's efficiency, profitability and customer satisfaction. This panel will focus on using wireless backup of mission critical SCADA applications and describe an end user's implementation as an illustration of how to effectively do so.

Curt Ahart, Digi International, Director, Business Development

Program

October 6, 9:15-10 Keynote
Telemetry, SCADA and Two-way Communication Systems

Every day engineers and integrators are faced with the challenge of installing secure, integrated monitoring and control systems that bring speed and efficiency to their applications while reducing costs. But which modem technology is best?

To answer this question, you must ask more questions, such as: What are you trying to do? What problem are you trying to solve? What is the budget? What constraints are critical and what are acceptable? The presenter brings enthusiasm and an unbiased view to the topic of solving remote monitoring and systems control problems with the best and most appropriate technology available. He will explain in clear terms the definition, performance, differences, and bottom line for each technology so that the audience will understand the critical facts for making better decisions.

Chris Wylie, Director of Sales and Marketing, QUALCOMM Wireless Systems
Dwayne MacTavish, Manager Data Products & Services, Globalstar

11:30-12 Breakout Session
IP and Legacy Together: Making it Happen on Your Network

This session will explore the options available to integrate legacy systems with IP networks for improved remote management and administration. Using PBX management as an example, the presentation will demonstrate how facilities managers, MIS and IT administrators can leverage their existing LAN/WAN to allow their legacy equipment and applications to function seamlessly with more sophisticated IP networks and systems. In the case of PBX systems, an IP converter can provide two solutions - connecting trusted legacy applications to a new IP PBX, or connecting a legacy PBX system to a LAN/WAN for remote management and diagnostics. In both instances, the objective is the same: make better use of existing resources to maximize investment in capital equipment and network infrastructure, while enhancing functionality with IP.

Deepak Wanner, President, Precidia Technologies Inc.

12-1:15 Lunch

1:15-1:45 Breakout Session
Networking Mesh Systems Over Many Applications

The wireless protocol used in Wireless Gateways can have features specifically relevant to wireless. Exception reporting or transmitting on a change, allows a large improvement in wireless band efficiency - most systems operate at less than 10% of the loading of a polling system. Wireless protocols also allow prioritization of messaging, allowing information to be transferred on demand as circumstances change. Wireless Gateways use a common or neutral protocol on the wireless side, allowing all gateways to communicate, even if they interface to different data bus protocols. In SCADA systems, different PLC's can be installed into existing systems. In process plants, different devices from different manufacturers, talking different protocols, can share the same wireless network.

Frank Williams, ELPRO Technologies

1:15-1:45 Breakout Session
ISA S95: An Operations Framework for Remote Performance Management

The discussion addresses how ISA95 is being applied for functional segregation of operations tasks between ERP, SCM and MES systems to support work flow optimization. The standard allows for a uniform model for monitoring and analyzing operations information across multiple remote facilities. We will additionally focus on the remote monitoring aspects and how standardization can help create a common metrics model for performance analysis across multiple facilities.

Paresh Dalwalla, OpteBiz Inc. and
Charles Gifford, GE Fanuc Automation Americas

1:15-1:45 Breakout Session - Onsite Power
Energy Storage Solutions at PacifiCorp's Castle Valley Substation

Mark Kuntz, VP Marketing and Business Development, VRB Power, Inc.

October 6, 10:30-11:15 Breakout Session -- Onsite Power
Remote Monitoring & Management of Environmental Controls & Power Systems

Monitoring and maintaining environmental control and power systems in critical computing environments is essential to the success of many organizations. What innovative technologies are being leveraged today to ensure that 24/7 continuous monitoring and management of these environments can take place remotely? This session will present a real-life case study of a company that blends various technologies to successfully monitor & manage environments and mission-critical systems for hundreds of customers ranging from museums, to casinos, to school districts, in over 100 countries around the globe.

Dave Boulos, ComBrio, Inc. and a representative from Liebert
Charles O'Donnell, VP of Professional Services Liebert

2-2:30 Breakout Session
Digging Deeper for Reliable Wireless Data Communications in the Mining Industry

Operators of remote mining sites are facing a number of challenges when it comes to deploying reliable, scalable wireless communications. Many are turning to mesh based broadband wireless technology to deal with remote locations where there's little to no infrastructure, large work sites covering 50 Sq. miles or greater, very dynamic environments and large machinery that can obstruct wireless communications. This session will discuss how mesh networking technology provides site managers with reliable broadband wireless connectivity, position location in a non line-of-site environment, data telemetry and M2M communications. Speakers will outline technology innovations that allow remote site managers to cut down on personnel and machinery incidents, improve equipment performance, and increase overall efficiency for the mining industry.

Greg Bazar, Vice President, 3D-P, a mining industry technology provider and Peter Stanforth, Vice President, Motorola Inc.

2-2:30 Breakout Session
Emerging Applications and Trends in M2M Connectivity

Machine-to-machine connectivity is growing rapidly throughout many industries. This session highlights many applications that are using M2M and how the technology is applied. There will be a in-depth look at the Connectivity, which includes WAN, LAN and Sensor Area Networking. Finally, the speaker will address the move from WLAN to pervasive architectures.

Harold Yin, Executive VP and General Manager, The Troy Group, Inc.

2-2:30 Breakout Session - Onsite Power
Application: Incorporating Robust Electrical Protection

The session discusses the observed condition and inconsistency of the existing installation of the grounding and lightning protection systems. The session outlines the specific deficiencies and the benefits of the recommended changes to improve the facilities reliability and safety. The speaker describes the need to incorporate more robust electrical protection including lightning, surge, and the earth grounding systems.

John Howard, Lyncole XIT Grounding

"All of the lectures were very inform-ative and useful. The conference was laid out very well. I was impressed with the whole conference and had a great time."

-- Mark Alexander, Imperial Irrigation District

800-803-9488   www.RemoteMagazine.com

Program

October 6, 1:15-1:45 Breakout Session
Energy Storage Solutions at PacifiCorp's Castle Valley Substation

PacifiCorp operates an 85-mile, 25-kV distribution feeder near Moab, Utah, that could not meet demand. The electric-only utility had to deny new service on this line and frequently respond to complaints from the Public Service Commission. Upgrading the substation would have taken three to five years and fuel-based solutions were out of the question because of the remote site. PacifiCorp installed a 250-kVA, 2000-kWh battery at the substation. The battery, a vanadium redox flow battery, has been functioning in full-power cycling operations since March, 2004. As a result, peak demand has been reduced to within an acceptable safety margin, feeder deviations have improved by 2%, and the power factor improvement has reduced line losses by 40 kW. This presentation will explore the technology, challenges, experience and benefits of the installation. In addition, the technical and performance characteristics of the Vanadium redox flow battery will be explored.

Mark Kuntz, VP Marketing and Business Development, VRB Power, Inc.

2:45-3:15 Breakout Session
DNP3.0 as a Multi-Industry Protocol
Alan Hudson, Control Microsystems

2:45-3:15 Breakout Session
Wireless Remote Monitoring in Transportation
Over the next 5 years the remote monitoring market for transportation-related applications is anticipated to quadruple in size to over $35 billion. While some of the major remote applications for transportation such as fleet management and vehicle location services are fairly visible with the likes of Qualcomm OmniTRACS and GM Onstar, respectively, some of the most exciting growth areas are in transportation infrastructure - embedding wireless sensors directly into the physical transportation infrastructure. This presentation will provide an overview of the overall remote monitoring market for transportation applications - fleet management, vehicle location, infotainment, infrastructure, and vehicle management - with focus on the key technologies for monitoring transportation infrastructure including sensors, data standards and wireless - mesh, local area and wide area.
Richard Hecht, Strategic Response, LLC

2:45-3:15 Breakout Session - Onsite Power
Web-Based Energy Storage Monitoring - Interim Results
A key component in articulating the success of an energy storage demonstration project is the ability to acquire relevant data on system performance. This presentation describes the efforts that have gone into the development and implementation of a remote data acquisition system for several DOE/CEC sponsored energy storage demonstration projects. To that end, the presentation will detail two specific areas of importance. The first area will be the data acquisition requirements for the CEC/DOE storage demonstrations with emphasis on the monitor requirements in terms of data capture, storage/archive, sample rates and standards compliance. The second area will highlight the remote monitoring controls and analytical capabilities designed into the website to demonstrate the types of information that can be made available on a near real time basis with a state of the art web-based system.
Doug Dorr EPRI Solutions Inc.

3:15-4:15 Networking Break in the Exhibit Hall

3:45-4:15 Breakout Session
Using One Infrastructure for Both Fixed and Mobile Data
This presentation will look at the benefits of linking the corporate network with a SCADA network, as well as how a wirelessly connected field force can reduce field service costs and increase productivity. It will also describe how access to both--fixed and mobile data-are possible and can be exchanged on the same wireless infrastructure anytime, from anywhere.
Tony Burge, Microwave Data Systems

3:45-4:15 Breakout Session
Changing the Paradigm: Remote Access Using Outbound Connections
Remote access offers enormous economic and service delivery benefits; unfortunately the need for strict security policies makes realizing these benefits a significant challenge. This is especially

2:45-3:15 Breakout Session
DNP3.0 Protocol

In the SCADA world where an ever increasing amount of data is desired from an ever increasing number of remote controllers over ever evolving communication networks, the search for smarter open protocols is ongoing. While the power industries have used the Distributed Network Protocol (DNP3.0) protocol for many years, other industries such as water, wastewater, oil and gas are beginning to see advantages such a protocol offers, especially as it relates to security reporting. CPUs that are faster, more powerful and more economical have emerged over the last several years making this robust protocol available in smaller and less expensive PLCs and RTUs, therefore making the DNP protocol more readily available and acceptable as a multi-industry SCADA protocol. The DNP3.0 protocol allows for true unsolicited-messaging and report-by-exception of data from controllers throughout large networks of potentially complex communication structures while maintaining data integrity as well as other significant characteristics such as time and date information.

Alan Hudson, Control Microsystems

true when the equipment is located in a third party's facility. Current approaches necessitate that the firewall(s)/router(s) be reconfigured to direct these inbound connections to appropriate equipment. A better approach is to use outbound connections from the equipment to a secure, convenient connection location that users use as their access point. The end result is a superior solution that eliminates the need to reconfigure the firewall, provides a more secure solution, and is easier to install and use.
Jim Kokal, Wavetrix, Inc

3:45-4:15 Breakout Session - Onsite Power
Backup and Remote Power from Fuel Cells

Fuel cell systems can offer a compelling value proposition to commercial users of backup and remote power. This presentation will highlight fuel cell capabilities for serving power needs from 250 watts to 10 kW with backup times that range from a few hours to days, grid connected, and up to months of power in remote applications.
Tucker Ruberti, Market Development Manager, Idatech

4:30-5 Breakout Session
Wireless Sensing Helps Scientists Manage a Key Coastal Resource

Tim Cutler, Vice President of Marketing and OEM/Industrial Sales, Cirronet

4:30-5 Breakout Session
Selecting the Right RTU and SCADA System

This presentation will help identify the aspects to consider when selecting an RTU or SCADA platform for remote applications. A historical view of Systems architectures versus new technological advancements will be explored and weighed. A guide to weighing the factors will be provided. Application examples are provided.
Dominic de Changy, TechnoTrade S.a. and
James M DiNanno, Whitmor Company

5-7 Evening Reception in the Exhibit Hall

7-9 Idea Exchange Dinners

"What I liked most about the conference was the opportunity to discuss products with users and vendors."
-- James Reed,
Provo River Water Users

800-803-9488   www.RemoteMagazine.com

Program

October 6, 4:30-5 Breakout Session

Wireless Sensing Helps Scientists Manage a Key Coastal Resource

Located on Monterey Bay, California, Elkhorn Slough is an important marine-life breeding area and migratory bird location; it is also agricultural land, an active fishing harbor and host to a power plant. As this combination of characteristics make it both important and difficult to monitor the slough's health, the Monterey Bay Aquarium Research Institute (MBARI) launched a project to determine the usefulness of sensor networks in coastal management. The sensing instruments used allow for high-resolution sampling and the ability to access the data in near-real time. This session provides insight into MBARI's use of wireless technology to address a significant scientific challenge, using industrial equipment in an environment not usually associated with automated sensing. The session also provides practical "how-to" information, walking the attendee through the creation of the system that moves data seamlessly from serial instruments to network access points to Ethernet LAN for real-time analysis.

Tim Cutler, Vice President of Marketing and OEM/Industrial Sales, Cirronet

October 7

8:00-8:30 Keynote

Cryptographic Protection for Serial SCADA Communications

Andrew Wright, Cisco

8:45-9:30 Keynote

Accelerating M2M Growth Across Geographic Regions

Roger Dewey VP of Product and Business Strategy, Sony Ericsson

9:30-10:45 General Session

Rugged Application Provides Pervasive Connectivity to 320-mile Gas Pipeline

This presentation is a case study on the Norse Pipeline SCADA implementation. We will focus on the practical aspects of the Norse migration from a labor intensive and costly manual data acquisition process to a fully automated and real-time SCADA solution. We will cover the vendors who played a role in helping Norse select the right technologies, and why-with a myriad of choices at their disposal-they chose to use CDMA 1xRTT as their primary network connection to their remote devices.

Brian McKeon, Director of Technical Services, AirLink Communications; Larry Swanson, Operations Manager at Norse Pipeline; and Joe Villa, Mobile Electron

10:45-11:30 Breakout Session

Enabling M2M Communications with Device Networking Technology

Today's Device Networking technology enables M2M communications, offering networks an unprecedented level of business intelligence. It can offer a company the opportunity to streamline operations, maximize efficiencies, reduce overhead and improve overall service. In addition, adding network capabilities to previously isolated devices can increase device functionality and extend shelf life and return on investment. This case study will illustrate the value and benefits of M2M device networking in the utility industry by discussing Lantronix's recent collaboration with Automated Energy to provide the City of Palo Alto an energy meter systems that allowed the city to lower energy costs, provide better customer service and the tools to effectively manage their utilities with fewer resources.

Mark Prowten, Senior Product Marketing Manager, Lantronix
George Bell, Automated Energy

10:45-11:30 Breakout Session

Telecom Italia Group's Power and Conditioning Telemanagement Integrated System

TIM is the most international Company of the Telecom Italia Group and is the first mobile telecommunication operator in Europe for number of subscribers and leader in the domestic market. Presently, the attention of the management is concentrated in the development of the innovation also within the infrastructures of powering and conditioning dedicated to the Base Transceiver System. The goal of the plan is to implement a system of monitoring and management of powering and conditioning systems within a remote mobile telecommunication site. The system will carry out the complete management of a number of local measurement disposals, acquisition, management and transmission (via IP and/or GSM-GPRS-Edge), the acquisition of the data from the local devices via telemetering

October 7, 8:45-9:30 Keynote

Accelerating M2M Growth Across Geographic Regions

Remote Monitoring and Control vendors have been using wireless technologies for a good long time, and are quite comfortable with it. But the uptake of cellular-based wireless M2M in this space has been slow at best. Device vendors to this spacehave monitored the progress of wireless M2M in the remote monitoring and control space globally and have seen marked differences in the growth pattern across different geographic areas. The speaker will propose a business model for M2M that maps the gaps in the analysis and will highlight the focus areas to accelerate growth.

Roger Dewey VP of Product and Business Strategy, Sony Ericsson

---

to a center of data-acquisition, the recording and the control of integrity of the data and, finally, the elaboration of the data itself.

Fabio Pizzuti, TIM Telecom Italia Mobile

10:45-11:15 Breakout Session - Onsite Power
New Applications for Thermoelectric Generators
The presentation will be an exploration of industry applications where thermoelectric generators (TEGs) have historically been limited in use, but today are becoming mainstream. The applications are small DC prime power for electronics used in remote telecommunications equipment, data acquisition, monitoring and control, SCADA, as well as monitoring, security and surveillance for borders, utilities and other critical infrastructure. The presentation will provide some examples of these new applications where TEGs have been used or are being considered, including some case studies.

James D. Bolen, Global Thermoelectric

11:30-12 Breakout Session
Mesh Networking - Multi-Contingency Communications

Rick Rotondo, Director of Product Marketing, Motorola

11:30-12 Breakout Session
SCADA Communications Design Objectives
To design a communication system for SCADA applications you must first understand the objectives for the system. How much data is to be moved, how often is it to be moved, from where is it coming, and to where is it going are all important factors. Matching the "Best Fit" technology to the application is essential. In gas measurement this is most often a radio system, and in some cases, it is a hybrid radio system that ties to a microwave or phone

backbone for the long distance distribution of the data. A properly designed system should be able to easily accommodate growth and expansion. The final determination is cost. Today's lower cost technology and higher gas prices make that an easier decision than ever before.

Jim Gardner, FreeWave Technologies

11:30-12 Breakout Session - Onsite Power
Small-Scale Cogeneration Projects
Combined Heat and Power (CHP) offers building owners/managers who have undertaken such energy efficiency improvements such as weatherization, energy efficiency lighting and HVAC upgrades to further improve on the building's energy efficiency and savings. For many buildings, combined heat and power (CHP) offers an economical and environmentally friendly method of supplying all or part of the building's thermal and electricity needs.

Joseph Borowiec, NYSERDA - Building R&D

12:15-1:30 Lunch

1:30-2 Breakout Session
Improving Utility Operation Center Reliability and Communication
Energy and utility companies today risk potentially significant financial losses in the event of premature and erroneous power grid switchovers. Unfortunately for the utility operators, the problem is growing worse, exacerbated by an infrastructure that depends upon unreliable, legacy backhaul links to carry critical SCADA information to operation centers.

John Curtis, Eastern Research

Program

Mesh Networking - Multi-Contingency Communications

The crux of any organization is finding how to be more effective. In industries requiring heavy field work - utilities, public works, mining, transportation, and facilities management, among others - improving communications is the best way to achieve this. Mesh networking provides the ideal solution to enable instant access to field data through sensors, real-time video, SCADA diagnostics, and asset tracking. Beyond that, a mesh network is much more than the sum of its parts. Low cost, highly scalable and truly reliable, mesh networks are being used to create city wide wireless networks that ultimately can be used by multiple constituencies.

This session outlines the benefits of mesh networking and how a single cost effective deployment can provide wide area and ad hoc access to a host of M2M, process control, broadband internet, video, transportation, public works and position location applications. Topics include new developments in licensed and unlicensed spectrum, standardization, and deployment strategies.

Rick Rotondo, Director of Product Marketing, Motorola

Case Study: Benefits of Condition Based Maintenance

This session sets out the business case for introducing intelligent maintenance systems into the buildings of Centrica plc, a fast growing energy and home services provider incorporating British Gas and the Automobile Association. Condition Based Maintenance (CBM) is a proactive rather than a reactive approach to maintenance and embraces preventative and predicative maintenance techniques. The CBM system will ensure that plant/equipment is correctly and efficiently maintained so that the plant/equipment achieves its design life.

Nigel McElvenny, Amey

Remote Management for Protection and Automation

CIGRE Study Committee B5 commissioned a study to explore the use of Information Technology (IT) application for remote online management of substation protection and automation. This session, which summarizes the work of CIGRE B5.09, discusses the impact of remote online management for substation protection and automation on the operation of equipment to reliably deliver electricity for distribution. Discussed are not individual functions of modern intelligent electronic devices (IEDs) but the overall aspects of how to use information technology to remotely manage the protection and automation functions.

Dennis K. Holstein, Publisher, OPUS Publishing

Wireless Sensor Networks 101

Wireless sensors networks is an emerging technology which can be applied to different applications including environmental monitoring, security and access control, industrial automation, building automation, smart environments, and automotive systems. The audience will be provided with sampling of sensor network demonstrations for a first-look at the products and solutions available today.

John Suh, PhD, Crossbow Technology, Inc.

IEC61499 - a Multi-Agent Based, Open Control Standard

Software Agent-Based control promises enhancements to today's hierarchical control architecture allowing flatter, highly distributed, networked, autonomous, yet cooperative control. IEC61499 is an open-standard implementing these features and supported by a number of international suppliers. This presentation describes a high-speed manufacturing process implemented with this underlying technology that meets the objectives of high-speed, high-volume, mass customization with a lot size of "ONE".

Jim Barlow, President and co-founder of Western Reserve Controls (WRC)

The Peabody Orlando Hotel

Hotel Accommodations:
A limited number of rooms have been reserved for attendees. Mention Webcom Communications to receive a discounted room rate of $159.00 per night (single). Note: Reservation cut-off date is September 5, 2005 and registrants are responsible for making their own hotel and travel reservations.

To reserve your room, contact:

The Peabody Orlando Hotel
9801 International Drive
Orlando, FL 32819
Phone: 800-PEABODY
www.peabodyorlando.com

Remote Monitoring, Control & Automation 2005 will be held at The Peabody Orlando Hotel in Orlando, FL. The hotels includes a large fitness center, massage rooms, complimentary overnight shoe shine; and a 24-hour business center.
Each quest room offers Cable/satellite TV, Voice mail, Minibar, eight-inch bathroom televisions, bathrobes, desls, and internet access. In addition to these room ammenities, the hotel also offers a rooftop lap pool, children's pool, large spa tub, four lighted tennis courts and a basketball hoop. There is also a golf pro shop on site that arranges golf outings and furnishes complimentary shuttle service to various courses.

A trolley service (I-Ride Trolley) is a low-cost transport running between 7 AM and midnight for approximately 6 miles stopping at many shopping, dining, and entertainment attractions.

Registration Form

❑ REMOTE MONITORING 2005

❑ ONSITE POWER 2005

October 6-7, 2005 • Peabody Orlando Hotel • Orlando, Fla.

Completion of this form registers you for the Remote Monitoring 2005 or Onsite Power 2005

Registration Fees

Register after August 26   ❑ $995

Team Discount: If three or more people from your company will be attending the conference, $200 will be deducted from each attendee's registration fee. (Note: A separate registration form must be submitted for each attendee.)

Full Conference Registration: Full conference pass provides access to all educational sessions, social and meal functions.

Badge Information

Customer code on mailing label _____

_____
First Name   Last Name   Title

_____
Company   Address

_____
City   State   Postal Code

_____
Telephone   Fax   E-Mail

Payment Information

❑ Check or money order enclosed (Make payable to Webcom Communications Corp.)

❑ Charge my credit card: ❑ MasterCard   ❑ Visa   ❑ American Express

_____
Credit Card #   Exp. Date

_____
Card Holder Name (as it appears on the card)

_____
Card Billing Address

_____
Card Holder Signature

I authorize Webcom Communications Corp. to charge my account for the registration fee for the Advancements in Remote Monitoring 2005/Onsite Power 2005 Conference. I have read, understand, agree and will comply with the published Registration Cancellation Policy stated on this form. Payment MUST accompany registration form in order for your request to be processed.

4 Ways to Register

By Phone: Call toll-free 800-803-9488
By Fax: Complete this registration form and fax to 720-528-3771
Web: Sign up online at www.remotemagazine.com
Mail: Mail this completed Registration form and enclose check to:
           Webcom Communications Corp., 7355 East Orchard Road, Suite 100, Greenwood Village, CO 80111

Cancellation policy: To receive consideration, all cancellations must be received in writing. Upon receipt, a refund or a credit towards a future event produced by Webcom Communications will be issued, 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. Webcom Communications Corp. 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.

LIMITED SEATING AVAILABLE REGISTER NOW!
Register Now and Save! Submit Your Registration Today!
Phone: 720-528-3770 • e-mail: softpub@infowebcom.com
Fax: 720-528-3771 • Register Online: www.RemoteMagazine.com

Conference Exhibitors

This is the M2M group of Sony Ericsson. We deliver cellular telephony modules enabling data communication for a wide range of applications from Telematics and Mobile Computing to Remote Monitoring and Control. Sony Ericsson M2M modules are designed from the gorund up for robustness and reliability, backed by world-class support for quick design-in integration to the final application. Sony Ericsson M2M products are available in commercial or industrial/rugged grades, and in most all evolving cellular standards and frequency bands. Data communication is supported by the modules through Circuit Switch as well as Packet(TCP/IP) Data Communication modes

Sony Ericsson Mobile Communiactions (USA) Inc.
P.O.Box 13969
Research Triangle Park, NC 27709
Phone: 919-472-7000
E-mail: modules.info@sonyericsson.com
Web Site: www.sonyericsson.com/m2m
Contact: Carlos Trevino

For over a decade, Alligator Communications has dedicated solely in providing SCADA/telemetry wireless data solutions to the utility companies. Alligator products include licensed and unlicensed radios in 450/900/1400/2400 MHz for Point-to-Point and Point-to-Multipoint wireless network applications.
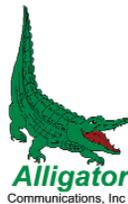
Alligator Communications
317 Brokaw Road
Santa Clara, CA 95050
Phone: 408-327-0800
Web Site: www.alligatorcom.com

AXYS Technologies Inc. is the expert in the design, manufacturing and maintenance of remote environmental data acquisition, processing and telemetry systems.

AXYS Technologies Inc.
2045 Mills Road West, Box 2219
Sidney, BC, Canada V8L 3S8
Phone: 250-655-5850
E-mail: info@axystechnologies.com
Web Site: www.axystechnologies.com

Alpha Technologies is an established provider of photovoltaic (PV) and other distributed generation power solutions for residential, small commercial and institutional applications. Alpha's state-of-the-art photovoltaic systems make it easy for homeowners and businesses to enjoy clean, reliable, solar energy. Alpha develops and manufactures power conversion, protection and standby products for powering applications around the world. In addition, Alpha provides a comprehensive range of installation and maintenance services to support its global customer base.
Alpha Technologies
3767 Alpha Way
Bellingham, WA 98226
Phone: 360-647-2360
Web Site: www.alpha.com

As a leader in the manufacturing of SCADA and remote data monitoring equipment, Control Microsystems has tens of thousands of installations around the world serving large and small oil and gas production facilities, municipal utilities, and a wide range of industrial applications.

Control Microsystems
48 Steacie Drive
Kanata, ON K2K 2A9
Phone: 613-591-1943
Web Site: www.controlmicrosystems.com

ComBrio provides secure remote device monitoring and management via its Virtual Service Infrastructure (VSI) software. VSI enables 24/7 proactive monitoring of any device in a network without a dedicated connection or VPN.

ComBrio, Inc.
Westborough Office Park, 1700 West Park Drive, Suite 400
Westborough, MA 01581
Phone: 508-870-6555
Web Site: www.combrio.com

Digi International® makes device networking easy by developing products and technologies that are cost-effective and easy to use. We offer serial-to-Ethernet connectivity as well as solutions to securely manage remote sites and devices from anywhere via wired and wireless networks.

Digi International
11001 Bren Road East
Minnetonka, MN 55343
Phone: 952-912-3280
Web Site: www.digi.com

Conference Exhibitors

Data Comm for Business, Inc. (DCB) manufactures a broad line of data communications, remote access and SCADA communications equipment including DSUs, FRADs, routers, modems, wireless links, RS-232, statistical multiplexers, ethernet gateways, encryption appliances and LAN interconnection equipment.

Data Comm for Business, Inc. (DCB Inc.)
2949 CR 1000 E
Dewey, IL 61840
Phone: 800-432-2638
Web Site: www.dcbnet.com

Founded in 1993, FreeWave Technologies is a world leader in innovative design and manufacturing of frequency hopping spread spectrum radios and wireless data solutions that are trusted for industrial, scientific, military and commercial applications. Based in Boulder, Colorado, the company offers network design, path studies and pre-installation engineering services to ensure reliable, error free data-flow under any condition and in all environments. FreeWave is the only long term radio provider with 100 percent backward compatibility with fully integrated, high-quality engineered products. For additional information call 1-800-548-5616 or visit the FreeWave web site at www.freewave.com.

FreeWave Technologies, Inc.
1880 S. Flatiron Court Ste. F • Boulder, CO 80301
Phone: 800-548-5616 • **Web Site:** www.freewave.com

Lantronix develops solutions to help businesses remotely access and manage network infrastructure equipment and rapidly network-enable their physical electronic devices. The company is a one-stop shop for technologists who design, manage and configure servers, devices and network infrastructure equipment, incorporating the advantages of remote, secure data center and device management.

Lantronix
15353 Barranca Parkway
Irvine, CA 92618
Phone: 800-526-8764
Web Site: www.lantronix.com

Microwave Data Systems (MDS) www.microwavedata.com is a world leader in wireless networking solutions for the SCADA/telemetry, telecommunications, mobile data and online transactional markets. Product offerings include licensed and license-free transceivers for operation in several frequency bands between 150 MHz and 5.8 GHz.

Microwave Data Systems Inc.
175 Science Parkway
Rochester, NY 14620
Phone: 585-242-9600
Web Site: www.microwavedata.com

Mobile Mark, Inc. is a leading supplier of antennas to wireless companies throughout the world. We offer innovative designs, quality manufacturing, and reliable performance. Many of our products feature innovative, patented designs, available only from Mobile Mark.

Mobile Mark
3900-B River Rd
Schiller Park, IL 60176
Phone: 847-671-6690
Web Site: www.mobilemark.com

Flight Systems first developed state-of-the-art electronics for NASA and the Apollo 11 mission over 35 years ago. Since then we have evolved into building and servicing controls for all types of generators. We offer improved replacements for current and obsolete controls and systems for monitoring local and remote generator installations

Flight Systems, Inc.
505 Fishing Creek Rd.
Lewisberry, PA 17339
Phone: 717-932-9900
Web Site: www.flightsystems.com

Global Thermoelectric is the world leader in ultra-reliable power systems for remote applications such as cathodic protection, automation, SCADA, or telecommunications for gas wells, pipelines, offshore platforms or telecom installations. Global offers thermoelectric generator (TEG) prime power solutions up to 5kW with 20,000 TEG's in operation around the world.

Global Thermoelectric
16760 Hedgecroft Drive, Suite 614
Houston, TX 77060
Phone: 800-848-4113
Web Site: www.globalte.com

Logic Beach designs and manufacturers remote site data logging and alarming systems. Ease-of-use, reliability and web access place our data loggers in applications worldwide. Aerospace, transportation, environmental, petrochemical, telecommunications, utilities, and water/waste water are a few of the industries using Logic Beach products, in R&D, process control/improvement and continuous monitoring applications.

Logic Beach, Incorporated
8363-6F Center Drive
La Mesa, CA 91942
Phone: 619-698-3300
Web Site: www.logicbeach.com

Metretek, Incorporated is a leading provider of data collection and connectivity solutions specializing in M2M applications. Real-time communications devices combined with software and public wired/wireless networks providing cost-effective solutions for remote asset monitoring.

Metretek, Incorporated
300 North Drive
Melbourne, FL 32934
Phone: 321-259-9700
Web Site: www.metretekfl.com

Numerex delivers M2M solutions that combine the most extensive wireless data network in North America, advanced remote control and monitoring applications from industry leading partners, and our own highly focused applications, all working together to help organizations acquire, monitor and control data from their extended enterprise.

Numerex
1600 Parkwood Circle, Suite 200
Atlanta, GA 30339
Phone: 770-693-5950
Web Site: www.nmrx.com

Conference Exhibitors

OSIsoft's Real-time Performance Management (RtPM™) Platform crosses enterprise boundaries to incorporate and display user-configured information, driving collaboration and intelligent business decisions. RtPM supports tactical and strategic problem-identification, cause-and-effect determination, and resolution/implementation. Since 1980, more than 10,000 companies have used RtPM to improve performance and unlock the value in their systems.

OSIsoft
777 Davis St., Suite 250
San Leandro, CA 94577
Phone: 510-297-5800
Web Site: www.osisoft.com

Phoenix Contact offers a unique combination of products and solutions to optimize telecommunication interface and improve the management of virtually every critical function of network reliability, including amplification, isolation, monitoring, protection and communications. Phoenix Contact products provide an unmatched combination of quality, reliability, innovative design and cost effective solutions.

Phoenix Contact Inc.
PO Box 4100
Harrisburg, PA 17111
Phone: 800-322-3225
Web Site: www.phoenixcon.com

Pacific Crest Corporation is a leading supplier of wireless data communication systems designed for position-centric and environmental monitoring activities. Our products provide best-in-class solutions for precision GPS, weather monitoring, and SCADA wireless applications.

Pacific Crest Corporation
990 Richard Avenue, Suite 110
Santa Clara, CA 95050
Phone: 408-653-2070
Web Site: www.pacificcrest.com

RAI is a Vendor Independent Utility Automation Specialist Company. Our key people have utility backgrounds and have worked in substation automation for many years. This in-depth utility system knowledge as well as state of the art automation experience helps RAI design superior systems for a utility's long lasting benefit.

Resource Associates International
11721 N. Lancelot
Spokane, WA 99218
Phone: 509-466-1894
Web Site: www.raiinc.com

ROM provides wireless Monitoring, Tracking, Remote Control, Data Retrieval and Asset Management Solutions that are managed by the customer through the Internet. The interaction, accessibility and overall control of these applications have never been this easy or affordable.

ROM Communications
12705-65 Street
Edmonton, AB T5A 0Z4
Phone: 780-472-8340 or 800-347-7014
Web Site: www.romcomm.com

Setra Systems, Inc. is a leading designer and manufacturer of pressure, acceleration, and weight sensing devices. Setra has devoted its engineering and research efforts to the development of transducers and systems based on the highly accurate variable capacitive transduction principle.

Setra Systems, Inc.
159 Swanson Road
Boxborough, MA 01719-1304
Phone: 800-257-3872
Web Site: www.setra.com

SPM is a pioneer in shock pulse measurement which identifies the condition of the most common mechanical component - the rolling element bearing.

SPM Instrument AB
PO Box 89, 359 N. Main St.
Marlborough, CT 06447
Phone: 860-295-8241
Web Site: www.spminstrument.com

As a leading provider of products and solutions for wireless voice, data and video communications for more than twenty years, TESSCO supplies the entire wireless industry with over 34,000 products from 450 manufacturers

TESSCO Technologies
11126 McCormick Road
Hunt Valley, MD 21031
Phone: 410-229-1096
Web Site: www.tessco.com

TROY Group, Inc. is a leading provider of wired and wireless device connectivity solutions for industrial applications such as remote monitoring, access control and automation. We provide standard internal and external hardware solutions, custom OEM hardware, as well as software-only products that enable wireless or wired networking for a wide variety of industrial equipment.

TROY Group, Inc.
2331 South Pullman Street
Santa Ana, CA 92705 U.S.A.
Phone: 877-324-3254
Web Site: www.troygroup.com

The Whitmor Company Inc - offering the TBOX range of tele-control solutions has been delivering advanced control and power solutions since 1942 . The company has vast experience in providing high reliability equipment and solutions for the military ,marine, industrial and utility markets.

The Whitmor Company Inc.
15 Whitmor Road, P.O. Box 249
Revere, MA 02151
Phone: 781-284-8000
Web Site: www.whitmorcompany.com