

# THE RADIANT RESEARCH

## CONNECTION

### Letter from the President



**Tim Everidge**  
President and Chief Executive Officer

In spite of concerning economic conditions during 2009, Radian Research once again delivered double digit revenue growth. The increased revenues were linked to each of our territory regions from around the world. At Radian Research we are competitive. We like to win. We expect to provide the best products and the best services in our defined market. To fulfill this expectation our employees demand the best out of each other. Our mentality is one of continuous improvement throughout the organization. We also believe it is important to maintain a high performance work environment that is participative by its very nature where the actions by all are in support of fulfilling policy deployment.

Winning for us is not isolated to providing the best products and services to our customers. It's also about participating in the well-being of our community. We take great pride in being based in Lafayette, Indiana. Stewardship in our community is proactively facilitated by our employees. During 2009 the employees of Radian Research decided to support various charity organizations such as: The Boys and Girls Club, Food Finders Food Bank, Salvation Army Christmas Toy Drive, Habitat for Humanity, United Way Day of Caring, United Way Annual Donation Drive, and the Indiana Blood Center.

The winning spirit of Radian Research has caught the attention of many over the past year. Radian Research was recognized by the Indiana Development Corporation and Governor Mitch Daniels as one of the Top 50 Companies to Watch in the state of Indiana. This award is based upon accelerated revenue growth and job creation. We obviously cannot accomplish this level of performance and success without the support of our customers. Thank you for putting your trust in Radian Research test and measurement instruments for power and energy. We understand the importance of accurate, precise and stable measurements – it is the basis of our business.

Respectfully,

Tim C. Everidge  
President and Chief Executive Officer

## Radian Donates RD-22 to SIM

Radian Research donates an RD-22-331 Primary Transfer Standard to the SIM organization. The RD-22 was donated for global advancement in Power and Energy Measurement by ensuring accuracy comparison between National Metrology Institutes.



From left to right, Marcus Zickefoose, Ignacio Hernandez, Peter Dack, Tim Everidge

The Inter-American Metrology System (SIM) is an organization of the ensemble of National Metrology Institutes of the Americas. Committed to assist members continuously to base their measurements and to express the associated measurement uncertainties on the International System of Units (SI). In addition to ensure uniformity of measurement in the Western hemisphere, to establish cooperation with other regional metrology organizations and to extend, globally, existing international confidence in measurement activities.

Pursuing its institutional mission that confidence in measurement is an essential element for competitiveness. SIM concentrates its efforts toward the establishment of the equivalence of national measurement standards and of calibration and measurement certificates issued by members. Thereby providing governments and other parties with a reliable technical foundation for agreements related to international trade, commerce and regulatory affairs.

## 2010 Participating National Metrology Institutes:

NIST (USA)  
CENAM (Mexico)  
INMETRO (Brazil)  
UTE (Uruguay)  
INTI (Argentina)  
NRC (Canada)

## Radian Announce New Sales Representation in Caribbean, South America and Central America



### Radian & Utili representatives at SEMETRO Brazil

From left to right, Peter Dack, Patrica Aparecida, Marcus Zickefoose, Jussara Attademo

Please join us in welcoming OHM International Corp. into the Radian Family. OHM will be responsible for Sales Representation for Radian Research products in key areas of the Caribbean, South America and Central America.

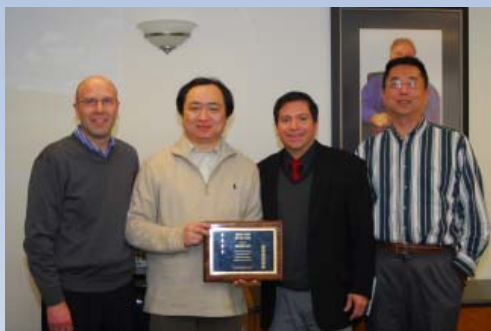
Founded in 1958, OHM International Corporation has earned a reputation as an internationally renowned integrated resource for electrical, industrial, telephone and datacom materials, and equipment for project and maintenance repair orders.

OHM has subsidiary companies in Japan, Mexico and St.Lucia and partner offices in Aruba, Curaçao, Chile, Bolivia, Peru and Venezuela.

OHM has the proven ability to adapt and utilize the most efficient technology and planning to consolidate a wide scope of equipment and products. Supplying product from around the world gives their customers confidence that they will receive dependable cost effective solutions. Whether developing a new large-scale project or facility, or simply supplying the daily needs of their operation.

Their mission is to serve with enthusiasm and prudence, to build a universal bond of solidarity, by cooperating in the work of their partners, suppliers and customers.

## Radium Ray Receives Outstanding Achievement Award



From left to right, Peter Dack, Rene Ren, Tim Everidge, Ming Cheng

Radium Ray located in Shanghai represents Radian in regions of China. Through the leadership of General Manager Rene Ren, Radium Ray demonstrated outstanding year on year growth in 2009.

Growth was achieved through focus on the uniquely suited RD-3x family of standard to the China market. China is in the course of many new electricity projects as the country's electrification requirements increase. Along with this increase, the need for testing with the highest of accuracy situates Radian as a prime solution. Capitalizing on this opportunity enables Radium Ray to position Radian at the forefront of this progress.

## Accurate Calibration Services to Supply Model 5800 Service and Calibration

The Model 5800 test system has a long history of providing automation, accuracy, efficiency and computerization for meter shops. The unit provides voltage current routing for closed –link testing and meters are effortlessly mounted in the motorized socket. Meter tests are controlled via an external computer running SysLink software.

Last year the 5800 was removed from the Radian product line. Radian is committed to providing outstanding service for our discontinued products. Accurate Calibration Services has been selected to provide service for the 5800 and has a long history of service within the electricity measurement industry.

All service and calibration for the Model 5800 will be performed by Accurate Calibration Services. This arrangement is made based on the experience and knowledgeable service Accurate Calibration Services has supplied for the Model 5800 product for many years. With this new arrangement Radian is confident that 5800 customers will experience the best of service.

Should the need for 5800 service arise an RMA may be requested either through Radian or directly from Accurate Calibration Services. However, if software support is required it will continue to be provided by Radian.

The following information can be used to contact Accurate Calibration Services directly.

### Accurate Calibration Services

Attn: Ken Kearney  
32 Elycroft Avenue  
Rockaway, NJ 07866  
Phone: 973-586-7724  
Email: [kkacas@optonline.net](mailto:kkacas@optonline.net)



## Radian Research Attends Industry Events

Radian Research, Inc. travels worldwide attending numerous events in an effort to provide information and support to the energy measurement industry. The following is a list of events Radian will attend in the near future. Radian encourages you to attend these informative events and take the opportunity to meet with customers.

### IEEE Transmission & Distribution Conference and Expo

April 20-22 New Orleans, MS  
<http://www.ieee-d.org>

### Smart Metering Central & Eastern Europe

April 20-21 Warsaw, Poland  
<http://www.smartmetering.eu>

## Radian Host Asian Sales Meeting

The first Asian Sales Meeting held in Singapore proved to be an educational success. Product training and sales growth plans were presented. Focus on the regions sales opportunities were covered for the benefit of all in attendance. Product training opportunities were provided for the RD-2x RD3x, 505 and RS-703A and attendees came away from the meeting with enhanced product knowledge.



In attendance were representatives from:

Sunertech Corporation, Philippines  
Singapore Technologies LTD., Singapore  
EDMI, Australia/New Zealand  
Metrologies, Taiwan  
Samjeon Instruments, Korea  
West Technology Co. LTD, China  
Measuretronix LTD, Thailand

## Tech Tip RD-3X Family of Dytronic Reference Standards

***“What is the current version of firmware in the RD-3x and should I send my unit in for calibration and updating?”***

The Radian RD-3x family of products are known to be most versatile multipurpose instrument for use in measuring electrical parameters and power quality. To maintain the high accuracy provided by the RD standard we recommend that you calibrate your unit at least once a year. One of the steps in our process of calibrating a RD-3x unit is to automatically upgrade to the latest firmware version free of charge. A note to you who utilize the highly accurate family of SR704 current transformers, we recommend that you send your RD-3x unit and the current transformers in as a set to be calibrated.

The latest firmware version 07.10.01 is utilized in the RD-3x family. This replaced firmware version 07.10.00 that inadvertently reversed the Analog Sense sign of the measurement. The RD-3x unit was first designed to sense 2mA but as the industry progressed our RD-3x can now measure up to 20mA. The analog sense features used to test the accuracy of a meter and/or transducer that provides a current to KVA readings (KW, KQ ...etc.) in SCADA systems.

*The Radian Research Connection is a newsletter publish by Radian Research, Inc. Any comments or suggestions are welcome. Please address all information to Radian Research, Inc. Attn: Bob McIntyre 3852 Fortune Drive Lafayette, Indiana 47905 or email to [bob@radianresearch.com](mailto:bob@radianresearch.com)*