

Integrating Thermography with Your CMMS and EAM Systems

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[CONTENTS: From the Editor](#) | [Integrating CMMS/EAM Systems with Your Thermography Program](#) | [Harley Winner Announced](#) | [Resource Learning Center Now Open!](#) | [NEW Seminar Schedule](#) | [Upcoming Trade Shows](#) | [Other Links](#) | [Contact Us](#)

FROM THE EDITOR

The True Value of Human Capital

For many electronics products, a great deal of attention is paid to what products cost. The pace of price deflation in flat panel TVs, music players, computers and video games is staggering. Certainly, the drop in pricing has greatly expanded the market for each of these products. Similarly, as a developer of highly-engineered electronic test and measurement products, we too seek to leverage the ever-increasing power of silicon products like microprocessors and memory into lower-priced products designed for industrial users.

With the enthusiasm over falling equipment costs, there is a temptation to reduce the investment in the training of technicians who are expected to operate these test and measurement systems with their increasing capability. The costs of labor as well as the associated travel and training don't follow Moore's Law (an empirical observation about how the number of transistors on an IC for minimum component cost doubles every 24 months), so the cost of operators can be a very significant cost of the use of test equipment.

By neglecting the cost of properly training operators, are buyers "penny wise and dollar foolish"? When evaluating the success or failure of a test program, it is important to realize that any tool is only as useful as the skill of its user. This is as true of a hammer as it is a thermography camera. Investing in developing skills is the key to program success. People and skills are the key ingredient in any successful endeavor.

Integrating CMMS/EAM Systems with Your Thermography Program

As EAM (Enterprise Asset Management) and CMMS (Computerized Maintenance Management Systems) get implemented at an ever-increasing number of facilities, the demands for data acquisition increases. More is expected from traditional PdM modalities including thermography, vibration, alignment, oil analysis and ultrasonic inspection—including better organized data capture, the creation of metrics and scheduling.

Concepts like route-based inspections and comprehensive data collection are now being fielded, and new tools that integrate PdM tools like thermography, with computerized maintenance programs, can make the whole process of data gathering easier and can be a critical factor in the overall success of any reliability program.

[Click here](#) or the download link below to receive our white paper on CMMS/EAM data export to thermography program management software, and how to integrate thermography into your computerized maintenance program.

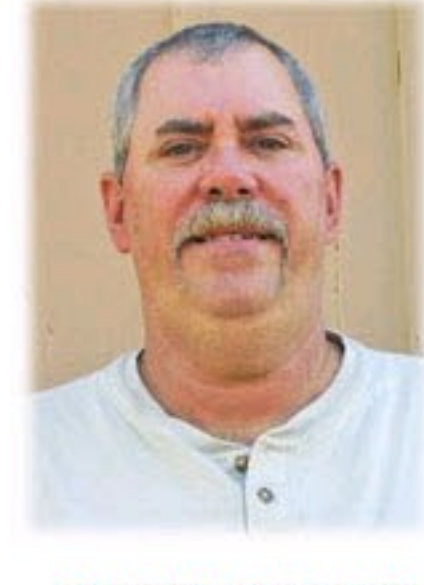
[Integrating CMMS/EAM Systems with Your Thermography Program White Paper](#)

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[back to top](#)

ELECTROPHYSICS HARLEY DAVIDSON SWEEPSTAKES

We Have a Winner!



BILLY RICHARDS of Western Farmers Electric Cooperative (WPEC) — Oklahoma's largest locally-owned power supply system

Electrophysics performed a live drawing of all sweepstakes entries that had been entered from April, 2005 through December 2006 at the International Maintenance Conference, in Daytona Beach on December 6, 2006.

"While looking at the new HotShot thermal imaging camera (which is a great camera) on Electrophysics' home page, I took the time to fill out the "Win A Harley Sweepstakes", thinking I would never have a chance of winning. I would like to thank Electrophysics for this once-in-a-lifetime opportunity that happened to me. I am now the proud winner of a new 2007 Harley Davidson. Thank you again Electrophysics."

Congratulations to Billy Richards, and we thank everyone for their participation in this event.

Harley Davidson® is a registered trademark of H-D Michigan, Inc.

[back to top](#)

RESOURCE LEARNING CENTER NOW OPEN



We will be adding to this resource center on a regular basis. We invite you to visit periodically and see what's new. Please [contact us](#) with suggestions.

Available for download:

[Thermography and NFPA 70 Best Practices White Paper \(PDF\)](#)

[Route-Based Maintenance White Paper \(PDF\)](#)

[Thermography and NFPA 70 Best Practices Presentation \(Powerpoint\)](#)

[Automatic Report Generation Benefits Presentation \(Powerpoint\)](#)

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[back to top](#)

UPCOMING SEMINARS

Join Electrophysics and Dranetz BMI for a FREE Power Quality and Thermography Seminar.



Understand power quality and power reliability, and learn about the advances in thermographic technology.

Register online at www.dranetz-bmi.com/seminars.cfm to attend one of the locations below.

4/04/07 Waltham, MA
8:00am - 12:00pm
Hilton Garden Inn
420 Totten Pond Road
Waltham, MA 02451
(781) 890-0100

4/19/07 Newark, CA
Hilton Newark/Fremont
39900 Balentine Drive
Newark, CA 94560
(510) 490-8390

4/18/07 Sacramento, CA
Marriott Sacramento Rancho Cordova
11211 Point East Drive
Rancho Cordova, CA 95742
(916) 638-1100

5/01/07 Detroit, MI
Farmington Hills Manor
23666 Orchard Lake Rd
Farmington Hills, MI 48336
(248) 888-8000

4/18/07 Charlotte, NC
Marriott Executive Park
5700 Westpark Drive
Charlotte, NC 28217
(704) 527-9650

5/03/07 Chicago, IL
Westin O'Hare Hotel
6100 River Road
Rosemount, IL 60018

[back to top](#)

UPCOMING TRADE SHOWS



Come See Us!

Click on the links below to learn about these upcoming events we will be attending.

[SAE](#) | [LUBRICATION EXCELLENCE](#) | [VIBRATION INSTITUTE](#) | [EASA](#)



April 16th–19th Cobo Center
Detroit, Michigan

This conference offers the world's largest and most respected technical program on advanced automotive technologies.

THEME: Engineering for Global Sustainable Mobility—It's Up to Us

For four days, the SAE 2007 World Congress exists as a rare microcosm of the global automotive industry—where the novice and the veteran will find what is necessary for enhancing core knowledge, while also gaining invaluable exposure to the people and the dialogue that will shape our industry, and in many ways, the world in which we live.

For more information and to register: www.sae.org

[top of article](#)



May 15th Kentucky International Convention Center
Louisville, Kentucky

Lubrication Excellence is a significant industry event. Attending Lubrication Excellence will also give you access to Reliability World 2007, a state-of-the-industry exhibit hall, educational sessions and networking functions.

For more information and to register: www.driveyourplant.com

[top of article](#)



June 19th–20th The Menger Hotel
San Antonio, Texas

The Vibration Institute will conduct its 2007 National Technical Training Symposium (31st Annual Meeting) in San Antonio from June 20 through June 22 at The Menger Hotel. The purpose of the Symposium is to provide specific training in practical vibration technology.

For more information and to register: www.vibinst.org

[top of article](#)



June 24th–27th Minneapolis Convention Center
Minneapolis, Minnesota

EASA provides an ongoing flow of industry information and education that helps members worldwide serve as total solution providers for electrical and mechanical equipment and systems.

For more information and to register: www.easa.com

[back to top](#) | [top of article](#)

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