



# Alarm Management Workshop June 20-21, 2011 Austin, Texas

Nuisance, Redundant, Flood States and Stale Alarms.  
Paper clip wedged in the “Acknowledge” key. Sound familiar?

**We can help.**

### Alarm Management Improves Efficiency and Performance.

Proper alarm management helps facilities function closer to ideal operating limits and greatly reduces the risk of unplanned downtime and incidents. Benign advantages aside, the new ISA 18.2 standard on alarm management is expected to be adopted by OSHA as a process industry regulation. For pipeline operators, API 1167 provides important guidance.

### Alarm Management Presented by the Expert.

If you’ve chosen, or been chosen, to write your company’s alarm management plan or head the alarm management team, TiPS encourages you to attend a two-day Alarm Management Workshop, June 20-21, 2011 in Austin. You will hear first-hand experience from our alarm management expert Dr. Doug Rothenberg, author of the industry’s text book, *Alarm Management for Process Control*, multiple alarm management plans and philosophy documents. Following the workshop is an opportunity to hear from industry-leading pipeline operators about PHMSA-CRM requirements and pilot audits.

There is no faster or more economical way to prepare to provide an effective alarm management system for your operation.

### **Two-Day Alarm Management Workshop: \$1750\***

*includes course materials (workbook and Alarm Management for Process Control), lunches and snacks.*

### **Half-day PHMSA-CRM Panel and LogMate Coaching: \$250**

#### Part 1

- Roadmap of the entire alarm management process
- Abnormal situation management fundamentals, impact, best practices, and the role of the alarm system
- Strategy for alarm improvement and re-design
- Alarm performance review and understanding

#### Part 2

- Decisions in the face of uncertainty
- Alarm philosophy
- Alarm rationalization and documentation

#### Part 3

- Enhanced alarm management
- Implementation and life-cycle
- Situation assessment and awareness

**Includes 16  
Professional  
Development  
Hours**

#### **Workshop Topics**

- Getting started in alarm management
- Abnormal situation management
- Strategy for alarm improvement
- Alarm performance review
- Permission to operate
- Written alarm management plan/philosophy development
- Alarm rationalization
- Enhanced techniques
- Implementation and life cycle
- Situation assessment

#### At the end of two days you will be able to:

- Identify every key aspect in your control system that needs to be addressed
- Provide information needed to function as a team
- Be productive and effective in developing your plan and completing rationalization

Afterwards, you can decide if a third-party facilitator will be necessary in the development of your plan or rationalization and documentation project, if your plan meets all of the industry standards, or if you would like to discuss a Gap Assessment. This two-day event will arm participants with the information needed to prepare to develop an alarm management plan or perform rationalization.



TiPS offers a two-week alarm philosophy development engagement including a workshop and a delivered plan, an option exercised by more than 10 pipeline operators since the PHMSA-CRM rule was issued. Considering the scope of the effort required for compliance with API 1167, ISA 18.2 and EEMUA 191, many companies elect to hire a consultant, such as TiPS, to facilitate philosophy development. Generally, adhering to industry best practices is a safer, though not always easier, route.

Also available is rationalization and documentation training and/or assistance, which can span weeks to months. Alarm management professionals often find the objective facilitation of a third party beneficial, and even speeds the process.

### **Limited Time Offer**

Attendees of the alarm management workshop will receive a rebate of their \$1750 investment with the purchase of an Alarm Philosophy Development Workshop or Rationalization Services Project. The philosophy workshop includes a final written alarm management plan.

#### **About Us**

Since introducing LogMate®, the full-featured alarm management software in 1990, TiPS continues to deliver best-in-class process alarm management products and services worldwide.

Alarm management is our primary business. TiPS' product quality and longevity enable us to connect you with leaders in alarm management knowledge and services, including formative members of the ASM Consortium®, participants in the EEMUA® 191 effort, API 1167, and contributors to the ISA® 18 alarm management standards committees.



Dr. Doug Rothenberg is founder and President of D-RoTH, Inc., a leading world-class consulting firm in all areas of alarm management systems for industrial manufacturing and technology providers, and author of *Alarm Management for Process Control*. He holds a BSEE in Electrical Engineering from Virginia Tech, a MSEE from Case Institute of Technology, and a Ph.D. in Systems Engineering from Case Western Reserve University. He is past president of the Cleveland Instrumentation, Systems and Automation Society and remains active in both regional and national engineering and professional societies, including ISA and Sigma Xi. He serves on ISA 18 and API 1167 alarm management standards committees.



# PHMSA-CRM Panel and LogMate Coaching

## June 22, 2011 Austin, Texas

### ***Attention pipeline operators and LogMate users!***

Here's your chance to talk to industry-leading pipeline operators about PHMSA-CRM requirements and test audits.

#### **CRM Panel:**

TiPS is pleased to present a panel of industry experts to answer your questions about:

- PHMSA-CRM requirements and pilot audits.
- Written Alarm Management Plans: bringing in a third party provider versus preparing in-house.
- Performing rationalization.
- What is PHMSA looking for within each plan?
- What should I expect during an audit?

#### **Do you want to see more of LogMate and learn how to use it more effectively?**

Directly following the PHMSA-CRM panel discussion, TiPS will conduct a live LogMate demonstration and coaching session. This is your opportunity to ask questions and learn more about LogMate. You'll see real alarm and event data used to analyze flood and nuisance alarms, and how the knowledge base (KB) settings assist the controller in reacting to alarms. The demonstration will be beneficial for all LogMate users.

***You do not need to attend the Alarm Management Workshop to participate in this event.***

**Wednesday, June 22, 2011**

**8 a.m. - Noon**

**Boxed lunch provided**

**Attend in Austin for just \$250, or online for \$100**

Please register on the following form and fax back to 512-863-5392.

#### **Location Details:**

Courtyard/Residence Inn Marriot  
Austin Downtown/Convention Center  
300 E. 4th St.  
Austin, Texas 78701  
512-236-8008

Live link: <http://www.marriott.com/hotels/travel/auscd-courtyard-austin-downtown-convention-center/?toDate=6/22/11&groupCode=TIPTIPA&fromDate=6/19/11&app=resvlink>

TiPS has secured a small room block available at a rate of \$199/night. Please secure reservations directly through the hotel and mention that you are with the TiPS group to receive this rate. Room block availability is limited; special rate is available through May 29, 2011 or until full, whichever comes first. First come, first served.





# Registration Form June 20-21, 2011 and June 22, 2011 Austin, Texas

## Registrant Information

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Company: \_\_\_\_\_

Title: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Number of registrations per event: \_\_\_\_\_ Alarm Management Workshop (June 20-21, \$1750)  
\_\_\_\_\_ Austin PHMSA-CRM Panel and LogMate Coaching (June 22, \$250)  
\_\_\_\_\_ Online PHMSA-CRM Panel and Logmate Coaching (June 22, \$100)

## Payment Information

Credit card: Visa Mastercard American Express Discover

Name on card: \_\_\_\_\_

Account number: \_\_\_\_\_

Expiration date: \_\_\_\_\_ CV: \_\_\_\_\_ Bill to address: \_\_\_\_\_

Amount to charge: \_\_\_\_\_  
(Please complete Additional Registrant form  
for multiple attendees)

Check enclosed, payable to TiPS, Inc.

### Note:

These events are independent, but complement each other nicely.  
You may choose to attend both the two-day workshop and half-day panel and coaching.  
Or, choose one event or the other.

Registration fee is \$1750 per person for the Alarm Management Workshop. Workshop registration includes course materials, lunch and snack both days. The PHMSA-CRM Panel and LogMate Coaching session is \$250 to attend in person, or \$100 to attend online. Austin PHMSA-CRM Panel and LogMate Coaching attendees will receive a box lunch.

Fax or mail completed forms to TiPS at: 512-863-5392 (fax) or 2402 Williams Dr. / Georgetown, Texas 78628

## Hotel Information

Courtyard/Residence Inn Marriot, Austin Downtown/Convention Center  
300 E. 4th St. / Austin, Texas 78701  
512-236-8008

Live link: <http://www.marriott.com/hotels/travel/auscd-courtyard-austin-downtown-convention-center/?toDate=6/22/11&groupCode=TIPTIPA&fromDate=6/19/11&app=resvlink>

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# Additional Registrants Form June 20-21, 2011 and June 22, 2011 Austin, Texas

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Name: \_\_\_\_\_ Address: \_\_\_\_\_

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Title: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Alarm Management Workshop     Austin PHMSA-CRM Panel and LogMate Coaching     Online PHMSA-CRM Panel and Logmate Coaching

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