

# FUNDAMENTALS OF SCADA SYSTEMS FOR THE OIL & GAS INDUSTRY

February 24-25, 2021  
Online | Central Time

POST-COURSE WORKSHOP

## SCADA Oil & Gas Leak Detection

February 25, 2021 | Online



*“Enjoyed the broad topics discovered and fluid nature of the course. Carin offered practical experience combined with theory and textbook instruction, keeping the course relevant and topical.”*

Project Manager, JP3 Measurement



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The Fundamentals of SCADA Systems for the Oil & Gas Industry course will explore the history and evolution of SCADA systems, including the differences in the SCADA types and how they have evolved. The course will examine SCADA hardware components and how they work together. Attendees of this course will gain a comprehensive understanding of how SCADA systems work for the oil & gas industry, how and why they were developed, how they are structured, the database and data collection techniques, and uses of the dynamic data by the end user.

The course will discuss how data can be processed for the end user, alarm processing, supervisory controls, processing logic in database, and putting it into the dynamic graphic user interface for end to end control and monitoring. We will explore the best data maintenance practices, such as maintaining the data standards, templates, creating the point list and checkout lists, performing point-to-point testing, and maintaining the quality assurance systems independent from productions where jobs are run first.

## LEARNING OUTCOMES

- Review the history and evolution of SCADA systems for oil & gas
- Illustrate the basic hardware and software components of SCADA systems
- Discuss protocols that are used to transmit, collect, store, and manage data
- Discuss the increased need for cyber security for ICS
- Describe different instrumentation measurement technologies
- Review SCADA system architecture
- Discuss the data flow from field to control room
- Identify alarm processing and supervisory control

## INSTRUCTOR

**Carin Meyer**, Regulation Compliance Program Specialist,  
Atmos International



EUCI is authorized  
by IACET to offer  
1.0 CEUs for the  
course

# PLEASE SELECT

**FUNDAMENTALS OF SCADA SYSTEMS FOR THE OIL & GAS INDUSTRY ONLINE COURSE AND POST-COURSE WORKSHOP SCADA OIL & GAS LEAK DETECTION**  
FEBRUARY 24-25, 2021: US \$1595 (Single Connection)

**FUNDAMENTALS OF SCADA SYSTEMS FOR THE OIL & GAS INDUSTRY ONLINE COURSE ONLY**  
FEBRUARY 24-25, 2021: US \$1195 (Single Connection)

**POST-COURSE WORKSHOP ONLY: SCADA OIL & GAS LEAK DETECTION**  
FEBRUARY 25, 2021: US \$495 (Single Connection)

*Recording: Each event is recorded, and will be available for three business days. For registrants only.*

To Register Click Here, or

**Mail Directly To:**  
PMA Conference Management  
405 Highview Rd  
Englewood NJ 07631  
201 871 0474  
Fax 253 663 7224  
[register@pmaconference.com](mailto:register@pmaconference.com)

EUCI will use Microsoft Teams to facilitate participation in the upcoming event. Attendees do not need to have an existing Teams account to participate in the broadcast. The course will play in attendee's browser. When attendees sign on, their microphones are typically muted. Attendees should keep their mic muted until such time as it's needed to ask a question. During the event, participants will have the option of using a microphone to speak with the room and ask questions, or type in any questions via the chat window and our online administrator will relay your question to the instructor.

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

Print Name

Job Title

Company

Address

City

State/Province

Zip/Postal Code

Country

Phone

Email

## CREDIT CARD INFORMATION

Name on Card

Billing Address

Account Number

Billing City

Billing State

Exp. Date

Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)

Billing Zip Code/Postal Code

**OR** Enclosed is a check for \$ \_\_\_\_\_ to cover \_\_\_\_\_ registrations.

### Substitutions & Cancellations

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before January 22, 2021 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices. EUCI reserves the right to alter this program without prior notice.