

The AIChE Netherlands / Belgium Section
is pleased to invite you to attend the Lecture Dinner Meeting

Control strategy, related to remote control and cyber security for Industrial networks

*by Ruud Denneman, Functional Safety and Control
Engineering Specialist TOTAL E&P NEDERLAND B.V.*

Thursday, January 26, 2017 - Golden Tulip Hotel, Zoetermeer

Program

18.00 – 18.30	:	Registration & Cocktails
18.30 – 19.30	:	Lecture
19.30	:	Dinner

Summary

The Internet is a potential attack vector for computers if connected, but the Stuxnet worm demonstrated that even equipment controlled by computers not connected to the Internet can be vulnerable to physical damage caused by malicious commands sent to industrial equipment (in that case uranium enrichment centrifuges) which are infected via removable media. In 2014, the Computer Emergency Readiness Team, a division of the Department of Homeland Security, investigated 79 hacking incidents at energy companies.

This presentation presents a control strategy related to remote control and cyber security for Industrial networks. How to migrate threads to industrial automation, measurement and control equipment and systems. What are the metrics to measure the level of protection against cyber security? Experiences and best practises, future developments and directions as well as the view of others in this area are discussed. As example the improvement of an existing Gas Operation Control systems to ensure compliance with future operational and regulatory requirements is discussed.

AIChE NL/Belgium Section is sponsored by:



Professional background of the speaker

Ruud Denneman is Bachelor of Science and works for Total E&P Nederland B.V. as Team Leader Process automation Group and Project Manager for ICSS projects and his experience varies from operations through maintenance, engineering, project management to standardization. He is chairman of the WIB PCD Security Metrics Task Force, an international group of Instrument and Control & Automation Engineers, who launched three years ago the first Industry Standard on PCD Security Requirements for Vendors, which is the basis of a new IEC Standard (IEC 62443-2-4).

AIChE NL/Belgium Section is sponsored by:



Registration form

Yes, I would like to attend the Lecture Dinner Meeting with the subject: 'Control strategy, related to remote control and cyber security for Industrial networks' on Thursday January 26th, 2017.

Company: _____

Name: _____

Job Title: _____

Email: _____

Diet: _____

Please send the invoice to:

Company: _____

Attn.: _____

Address: _____

City: _____

Reference: _____

Fees

Participant: 80 euro

Sponsor: 50 euro

Registration by mail: aiche@kbororganisatietalent.nl

A week before the start of the Lecture Dinner Meeting you will receive a confirmation with practical information and your invoice. Free cancellation is possible, when in writing, 24 hours prior to the event.

AIChE NL/Belgium Section is sponsored by:

