



■ Principles of DCS Alarm Management

The DCS alarm system can be a vital, productive tool for managing industrial process control plants, however a large number of existing ones do not perform well. Alarm systems should alert the operator to a possible problem, provide warning early enough to allow remediation, guide the operator as to problem and cause and corrective action, and confirm (or deny) the effectiveness of the operator's efforts. Understanding and utilizing the new technology can position the alarm system as it was intended to be: a front-line tool for effective process management. This course provides an understanding of the dangers of poor alarm system design, gives an appreciation of the benefits to be realized by effective alarm management, and supplies proven design technology and guidelines.

Contents	<ul style="list-style-type: none"> • Strategy for Alarm Management • Alarm Management Improvement Process • Alarm Performance Review • Alarm Philosophy Development • Alarm System Rationalization • Enhanced Techniques • Implementation • Situation Awareness 	
Provider	Instrumentation, Systems, Automation Society 67 Alexander Drive Research Triangle Park, NC, 27709, USA Phone (919) 549-8411, Fax (919) 549-8288 email:info@isa.org, or online: www.isa.org	
Application sector		
Target group		
Prerequisites		
Duration		Comments
Seminar schedule	8:00 am – 4:00 pm	
Number of participants		
Lecturer	Doug Rothenburg	
Seminar fee	\$910 Members, \$995 Non-members. \$895 Group	
Dates/Location	<ul style="list-style-type: none"> • 3/8/2005 Cleveland State University Cleveland, OH, US • 5/23/2005 ISA Training Institute Research Triangle Park, NC, US • Course is also available as onsite training 	
Seminar descriptor	IC36P	