



Alarm Management Services

Poor alarm management has been a critical factor in major process safety incidents.

aeSolutions provides alarm management services to help clients improve the performance of their alarm systems and increase the situational awareness of their operators. Our customers recognize there is a direct relationship between the process safety performance of their facilities and the implementation of their effective alarm management techniques. aeSolutions' integrated approach can supply expertise at all stages of the Alarm Management Lifecycle.



Lifecycle (ANSI/ISA-18.2)	Our Services
Philosophy	Alarm Management Principles Training
	Custom Training
	Alarm Philosophy Gap Analysis
	Alarm Philosophy Development
Identification & Rationalization	Technical Analyses & Notes
	Alarm Rationalization Training
Design	Alarm Rationalization Facilitation
	Basic Alarm Design (Rationalization Results)
Implementation	Advanced Alarm Design
	Control System Configuration
Operation	Operator Training
	Procedure Development
Maintenance	Development of Alarm Test Plans
	Alarm System Testing
Monitoring & Assessment	Alarm System Performance Analysis
	Alarm/Process improvement
Management of Change (MoC)	Updating and Harmonization of PSI Documentation
Audit	Alarm Management Program Audit

Putting Our Experience to Work for You

Our customers ask for assistance identifying and quantifying their alarm management gaps, implementing best practices in alarm management, and developing and institutionalizing policies and procedures.

Recent Projects

- Completed alarm rationalizations and alarm management training for North Slope Alaska facilities, encompassing over 200,000 alarm parameters as well as updates to each facility's process safety information.
- Implemented results from alarm rationalization on a Siemens-based BPCS. Project work included graphics and KPI measurement configuration allowing real time communication to operator consoles for alarm response.

aeSolutions' alarm management services are designed to support our customers' desires to encourage a culture of sustainable alarm management as an important component to their overall process safety strategy.