

Alarm Management Philosophy

Provides best practice guidance for all aspects of alarm system design, implementation, and maintenance.



Alarm Management Packages

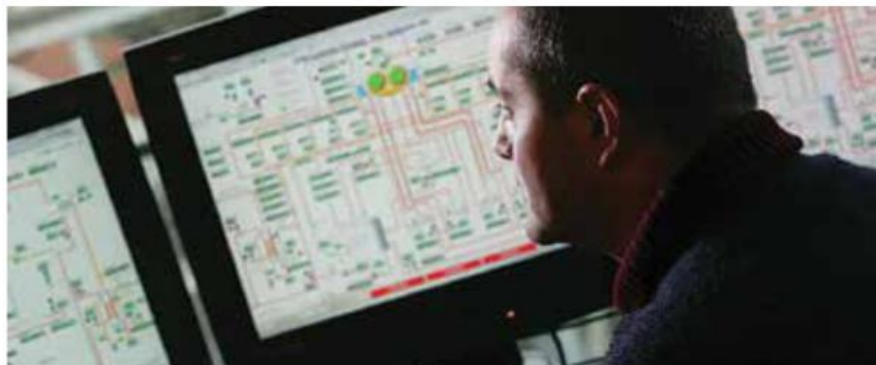
The Puffer Alarm Philosophy Solution

The Alarm Management Philosophy Document serves as a detailed guide covering the entire lifecycle of the alarm management system, including its definition, development, design, reengineering, implementation, and ongoing maintenance. It offers consistent guidelines for selecting alarms, setting priorities, configuring responses, handling methods, monitoring the system, addressing issues, and more. The purpose of developing an Alarm Philosophy includes:

- Alarms are properly chosen and implemented.
- Alarms are relevant, clear, and easy to understand.
- Alarms are configured consistently in accordance with industry best practice guidelines.
- Alarms are presented at a rate that the operator can effectively handle.
- Operators can rapidly assess the location and relative importance of all process alarms.
- Operators can process alarm information during high frequency alarm actuation events.
- Alarm systems are properly controlled, monitored, and maintained.

KEY COMPONENTS

- Alarm Selection ■ Priority Determination
- Alarm Configuration ■ Alarm Handling Methods
- Alarm System Performance Monitoring
- Nuisance Alarm Resolution
- Alarm Detection, Presentation, and Annunciation
- Operator Interface for Alarms
- Operator Response to Alarms
- Areas of Impact and Severity of Consequences
- Severity of Consequence and Time to Respond Matrix
- Alarm System Management of Change



CORE

- Alarm Management Philosophy
- Baseline Benchmarking
- Bad Actor Alarm Resolution

ESSENTIAL

All Core features, plus:

- DeltaV AgileOps™ Software
- Steady State Documentation and Rationalization
- Audit and Enforce / Synchronization

BEST PRACTICE

All Advanced features, plus:

- Dynamic Alarming Rationalization, Design & Implementation
- Alarm Shelving



Call Puffer-Sweiven at 281-240-2000 for more information today!

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Systematically ASSESS, DESIGN, IMPLEMENT, MONITOR, AND OPTIMIZE Process Control Alarm Systems to Enhance Operator Effectiveness in Identifying and Responding to Critical Abnormal Situations, Ensuring Improved Safety and Operational Efficiency.



Alarm Management Solutions

The Puffer program is a structured approach designed to optimize alarm systems in process control environments by reducing alarm overload, eliminating nuisance alarms, and ensuring that only critical alarms are presented to operators. Our program involves comprehensive static and dynamic alarm rationalization, prioritization, and continuous monitoring to enhance operator response and decision-making. By improving the effectiveness of alarm systems, the program aims to increase safety, compliance, and operational efficiency.

Alarm Management Packages	CORE	ESSENTIAL	BEST PRACTICE
Alarm Management Philosophy	■	■	■
Baseline Benchmarking	■	■	■
Bad Actor Alarm Resolution	■	■	■
Documentation and Rationalization – Steady State		■	■
Audit and Enforce Synchronization		■	■
DeltaV AgileOps™ Software Implementation		■	■
Dynamic Alarming Rationalization, Design & Implementation			■
Alarm Shelving			■



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