Alarm management lifecycle for the process industries

Improving safety, profitability and human factors
Alarm management lifecycle for the process industries

We all know that safety and profitability are cornerstones of a sustainable operation. Increasingly we appreciate how crucial is the contribution of the alarm system. Are you being challenged to improve your alarm system performance?

Why ABB?
With ABB as your alarm management partner, we are able to support you with a wide range of products and services that follow your alarm system from cradle to grave throughout the alarm management lifecycle.

ABB solutions
We can help you achieve:

- Compliance with industry standards and good practice
- Improved safety and environmental performance
- More flexible and efficient plant operation
- Increased production and equipment availability
- Smoother start-up and shutdown
- Operational human factors improvements / reduced operator stress

“Sometimes I dream of process alarms and then they wake me up.”

Control Operator, Major UK Operator

“This is what success looks like. The number of unplanned shutdowns for our facility alone fell from 25 the year before our alarm improvements, to 6 afterwards. This has a significant business value.”

Operations GM, Major Global Operator
Alarm management, operational human factors and process hazard services:
- Alarm management consultancy services for new build, upgrade projects and existing systems
- Alarm management training
- Planning and management of alarm management improvement projects
- Alarm management workshops, coaching and mentoring
- Operational human factors training
- Operational human factors consultancy and improvement planning
- Assessment and improvement of control room ergonomics
- Control system upgrade and hot cut over planning
- Alarm management performance and monitoring tools
- Alarm reporting services

800xA alarm management enhanced tools and products (available as additional options):
- 800xA alarm operations
- Features include alarm shelving; alarm handling; alarm grouping; alarm helper and KPI visualization
- 800xA alarm history and reports
- Provides long term storage of alarms and automatic alarm KPI reporting and distribution
- Alarminsight monitor
- Extended version of 800xA alarm history and reports
- Features include event consolidation from multiple DCS or plants, enhanced alarm analysis tools and web clients
- Alarminsight manager
- Alarm documentation and MOC support for integration with master alarm database