Effective Alarm Management

A well-tuned alarm system is critical to achieving cost effective operations. Why? Poor alarm management leads to unplanned outages and decreased profitability because the focus is typically optimized for run state, and critical modes of operation are often neglected (i.e. startup and shutdown).

- Changes in process state at startup often lead to excessive incidents.
- Poor governance during operating state leads to degradation and eventually alarm floods.

OESuite™ provides a holistic alarm management solution. Our solution includes alarm design, operator documentation, setpoint change management, alarm rationalization, alarm shelving, automated event logs and generation of key performance indicators. With OESuite, every alarm annunciation is relevant to the operator – allowing for a defined response. Automated notifications aid the operator in meeting performance objectives, while allowing them to focus on other key tasks during their shift.

The OESuite™ PHA and LOPA modules can associate these alarms as independent protection layers along with manual actions taken by operators. Alarm information is available as part of the Integrity Operating Window (IOW) module based on categories such as design, reliability, permit, operating range, etc. In addition to email notifications, OESuite™ can auto-generate action items for Management of Change (MOC), Corrective Actions (CAPA), and can log an incident upon an exceedance of a limit.

Extended OESuite™ Modules

For more information email us at info@DrivingOE.com or call (713) 355-2900.