

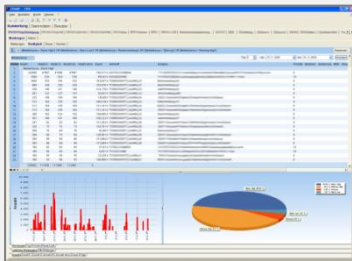
iMes Historian® AM

Alarm management system

iMes Historian® AM is a long term archiving system for alarm analysis and reduction



Features:



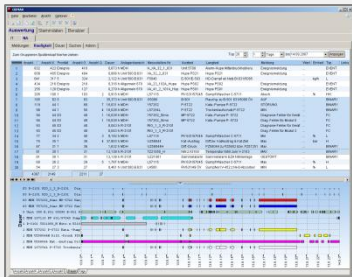
▶ **Transparent analysis of all alarms and events**

All alarms are shown in tabular form and are kept up to date automatically. Pending messages can be easily identified. For easy access, the display of messages can be sorted, grouped and filtered individually regarding their attributes. Recurring reports can be saved dependent on the user or plant.

▶ **Identification of optimization potentials**

Top alarms and sequential alarms can be identified via the frequency reports. Those frequency reports can also be individually sorted, grouped and filtered. The result can be illustrated as a pie diagram, for example grouped by the source of messages.

On the basis of bar diagrams, long pending alarms can be identified and therefore good and bad plant handling can be concluded.



▶ **Feedback about the practiced alarm management**

The identification of periodically recurring alarms helps to discover potential of training and to find defective measuring devices and failure sources.

A analysis of the KPIs according to ISA-18.2 provides essential operating figures about the practiced alarm management, for example the rate of alarms per operator or information about successive and fluttering alarms.

▶ **Shorter reaction time**

Immediate and fast reaction to alarms and events by the plant handling staff is enhanced via automatic, person-related alerting by SMS, Email or phone.

The alerting strategy is individually configurable through alarm triggers and therefore adaptable to all customer requirements.

▶ **KnowHow-protection via document linking**

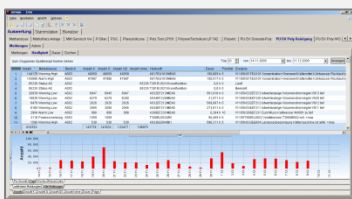
With the aid of the immediately provided information quick reaction to alarms and reduction of errors can be achieved. Handling instructions or other information can be added to messages via document linking.

▶ **Customized reports**

Customized reports are automatically generated and forwarded according to lodged time periods, for example a daily report about downtime.

▶ **Integration of PI-OsiSoft data**

PI-OsiSoft customers can implement a professional and effective alarm management via **iMes Historian® AM**.



Benefits:

- ▶ iMes Historian® AM is a company-wide, centralized solution for long term archiving and analysis
- ▶ **Centralized infrastructure: Reduction of costs regarding hardware, software licenses, maintenance and support**
- ▶ Analyzing tools to support reduction of alarms
- ▶ **Supports plant handling staff and increases plant safety**
- ▶ Discovery of defective measuring components and failure sources
- ▶ Information about the general plant condition
- ▶ Identification of handling errors → **potential for optimizing the process of production**

iMes Historian®
alarm management
helps securing
safety, increasing
availability and
optimizing the
production process.

PCS-independent - scalable - intuitive

