

# Industrial Performance Analyzer

If problems occur that trigger alarms, it is important to be able to react quickly and appropriately. The Industrial Performance Analyzer integrated in zenon creates a quick overview of your alarm messages. This helps you to prioritize your activities and quickly resolve problems.



## EVALUATE ALARM DATA

The Industrial Performance Analyzer helps to evaluate alarm data statistically and visually; providing you with a clear overview. Problem areas or bottlenecks can be localized and documented with this extremely easy-to-use tool. It helps you identify quickly which problems occur most frequently and which cause the most downtime. Targeted measures can be implemented immediately. Their success can be verified straight away with the help of statistical evaluation. This means the downtime of equipment can be minimized and productivity and effectiveness can be increased considerably.

## HOW IT WORKS

- ▶ An SQL database serves as the basis. It is supplied with the corresponding data by zenon.

## FAST FACTS

- ▶ Statistical analyses of equipment faults
- ▶ Analysis of problem areas or bottlenecks
- ▶ Recognize potential for improving the equipment
- ▶ Localization of equipment downtime
- ▶ Evaluation of the frequency and duration of problems
- ▶ Time analyses: such as shift, daily and weekly reports
- ▶ Production analyses: such as equipment and component analyses

- ▶ Different evaluations of production data bring all relevant information to the screen in a clear overview.
- ▶ You can drill down into detailed information about the individual alarms, such as exact times, group allocation, class allocation, shift and equipment identification and much more.
- ▶ The displayed summary can help you create hit-lists: which alarm occurs most frequently, which group or class has the most entries, which areas have the most downtime, etc.

## DATA SAVING

zenon Service Engine writes the alarm and shift information (when the Production & Facility Scheduler is used) in an ODBC-compatible SQL database (not supplied). Several Service Engine systems can store their data in a central database. The data can therefore be evaluated using several items of equipment or multiple systems.

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<b>Multi-project capability</b>	The Industrial Performance Analyzer (IPA) can create evaluations of several items of equipment or multiple systems.
<b>Implementation</b>	Integrated directly in zenon, so it can be used immediately; no programming required.
<b>Evaluations</b>	Graphics and text (table form).
<b>Individuality</b>	Individual tailoring and design of reports and evaluations.