

Reliable data logging of Contronic E-Station

Generation plant north relies on Plant Historian.

Salzburg AG decided to use the process information system **Plant Historian** at their generation plant north for linkage with **Contronic E-Station**, to optimize the sequence of operations and analyze process disturbances.

>> FACTS

The "Salzburg AG for Energy, traffic and telecommunication" was established in 2000. It was arose of the fusion from SAFE and Salzburger Stadtwerke. The Salzburg AG cares with more than 1.950 personnel about circa 252.000 customers.

>> **The Salzburg AG's generation plant north started up in 1994 and produced generated heat of circa 50 MW and 13,5 MW power a year.**

>> point of departure

The identifying process and correction of process disturbances inside of the power plant components are very time- and cost-intensive. Extern suppliers had a local drawn-out problem-seeking, because they hardly had information. The process data were archived for just one week analysis options were deficient.

>> assignment of tasks

They searched for an efficient process information system to optimize processes. A special challenge is the connection with Contronic E-Station to have a complete data memory of process data. Circa 600 analog values with sampling rates of 5 sec, 30 sec and 60 sec needed to get assigned via a legitimate cut surface.

Plant Historian is used for following tasks:

- ▶ Digital preservation of process data and alarms & events
- ▶ Analyze, reconstruction and documentation of faults
- ▶ Early realize of process disturbances
- ▶ Transparent process data analyze and excel-reporting for turbine- and kettle supplier.

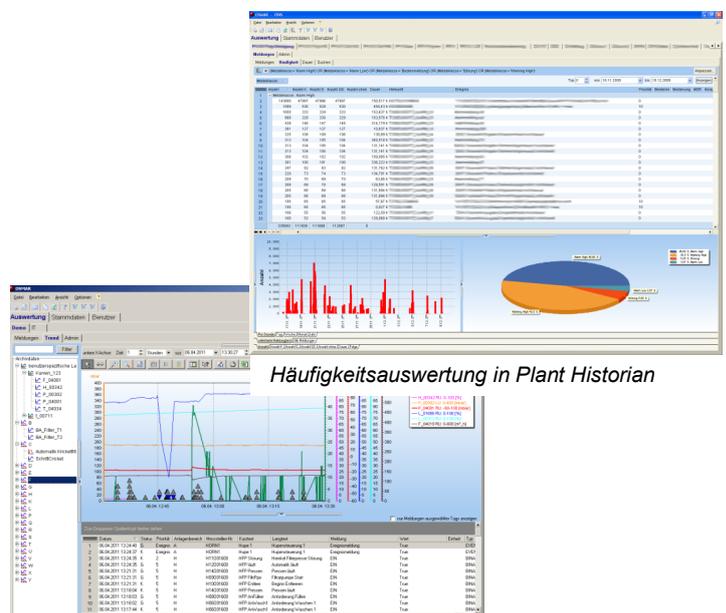
Mr. Anton Lindinger (standing EMR-adviser at the north generation plant): "The application operates without off times and archived values are immediately available. Because of the individual appliance and the analysis tools, process disturbances can get identified fast and counteractions can get seized. The archived process-data becomes submitted to e.g. blower- and turbine suppliers, to support them with efficient debugging attempt.



Heizkraftwerk Salzburg Nord

Mr. Lindinger brings also out that the collaboration while the project handling and while the transformation of requirements was very good. "Initially we had not expected that a modern archiving system blend so well with our process control engineering. In addition to the intunitional operable surface the numerous analysis options help us to optimize our processes strongly. The assignment of tasks is fulfilled with complete satisfaction.

Plant Historian process data archiving / -analyze and alarm management..



Häufigkeitsauswertung in Plant Historian

Trendanzeige in Plant Historian