Borbet relies on Plant Historian

Borbet Austria decided to introduce the process information system Plant Historian to identify and analyse process disturbances.

>> F A C T S

The AUSTRIA ALU-Guss Ges.mb.H. which was formed in Ranshofen/Austria in 1983 belongs to the BORBET-Group since 1996. Since 01.01.2009 the company is called BORBET Austria GmbH.

>> The traditional company Borbet is part of the leading worldwide aluminium manufacturer for decades and provides a multitude of considerable automobile company's.

>> point of departure:

Complex data analyses and attitude surveys were conducted to decrease times of non-use and to upgrade manufacturing. Because of the despise possibility of comparison of alarms and events with process data, it was hard to see the background story and to bail the optimization potential. The cause research because of faults was alike.

>> assignment of tasks:

The target aim was to identify the optimization potential at the three shift operation in time but also backdated. For that purpose you need a tool which supports these assignment of task effective by making process data transparent analysable and which delivers the critical operating figures of the manufacturing in atomized reports. These reports should contain extra data from the plant data acquisition system of Borbet.

Plant Historian is used for the following tasks:

- ▶ Digital preservation of process data and alarms and events
- ▶ Individual commentator ship: tour reports become generated and forwarded automatic, KPI-Reporting of production
- ▶ Identification of optimization potential and causes of error: collective advice of trends and alarms and events; several analysis tools
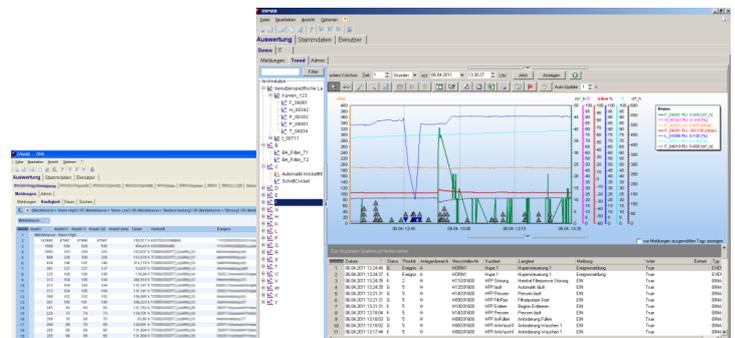- ▶ Transparency of production processes managed

Mr. Walter Eberhardt (electrical engineering/painter´s shop - Plant Historian Administrator): „*The connection of Plant Historian to the guidance system and the start-up was made within one weekday. The applications run without bad times and activated values are immediately available. By the intuitional appliance of the analysis tools, we are able to identify process disturbances and seize counteractions.*

The tour reports help us to practice department comprehensive causal research and induce maintenance measures prematurely."
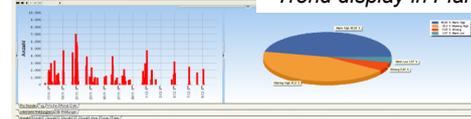
Mr. Christian Dax (Chief of painter's shop - Plant Historian Project director) about the project handling and conversion: "*The excellent collaboration between Mister Walter Eberhardt (electrical engineering/painter´s shop), Mister Ludwig Mall (chief of EDV—Plant Historian IT- infrastructure) and the Team of iMes Solutions was the reason for the projects success. Mister Mall provided the fast allocation of IT-infrastructure and beyond the connection of flexible data of the plant data acquisition system (BDE) to the report module of Plant Historian. The resultant tour reports facilitate our daily analysis work significant. Especially the integration of data from our BDE into the iMes reports uncover optimization potential and confirm successful production processes. The assignment of task is fulfilled with our perfect satisfaction.*"

Plant Historian process data archiving/-analyse und Alarm management

Trend display in Plant Historian

Frequency analysis in Plant Historian