



Case Study

Customer: Paul Hartmann Liepvre (France)
Branch: Pharma
Project: Production Control Station "KPI Monitoring"

Background

So far, a central system for recording alarms and process values has not been available. The goal was to improve production processes due to increased efficiency regarding KPIs (e.g. target / actual quantity) and alarms.

Solution

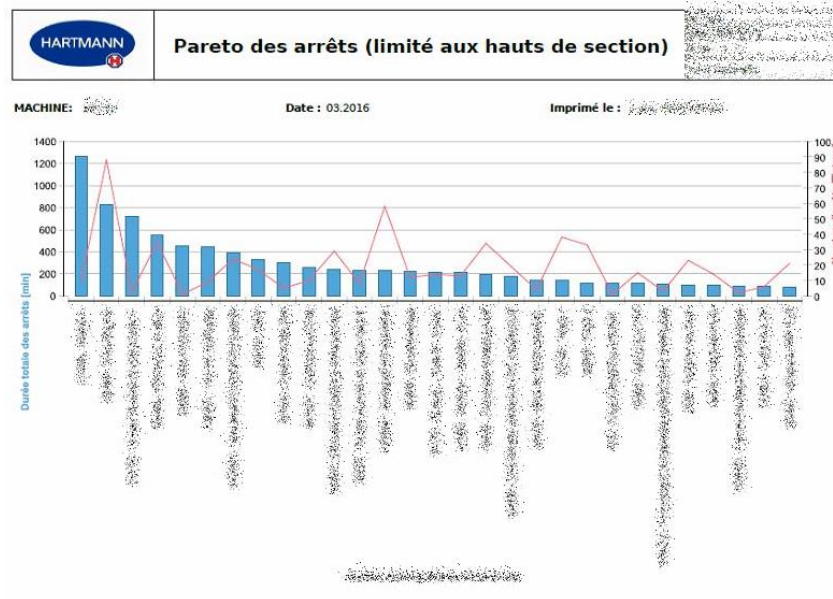


Image 1: Pareto analysis of alarm reasons

Within the scope of a pilot project, Paul Hartmann convinced themselves of the benefits of the MES Legato and decided upon a cross-sectoral extension of this application. The project started in the field of "incontinence products". So far, 8 lines with 14 controllers (Simatic S7, Bosch-Rexroth) are connected to Legato. Data coupling is done via OPC through a cyclic data transfer. The core components of Legato - the recording of process values and alarms as well as the calculation of KPIs per plant - are included as well as the data visualization in terms of SVGs (Scalable Vector Graphics) and user reports. One special aspect of this project is the fact that all messages of the systems have to be justified in Legato, and confirmed by the users. Based on the reasons of the messages, you can run detailed analyses, as e.g. Top10- or Pareto analyses.

The project was implemented by one of our Competence Partners, ortenau-info; its local proximity guarantees optimum project support.

Benefits

- Enormous time-savings by automatically creating and sending user reports with a high data quality → elimination of manual data recording and processing
- Continuous improvement process (CIP) through reasons for messages