Improve your mill performance with better analysis tools
Use integrated systems for data and event recording

Time for better analysis tools?
The demands on production facilities are continuously increasing due to market requirements, and this means that the equipment has to be in very good shape to fulfill these requirements. To achieve this and to act preventively, data and events have to be recorded for use in detailed analysis of the production.

The data logger offers recording of any signal with MS resolution. It allows you to perform mathematical analyses and combine signals in a user-friendly environment. This is the tool for real-time signal analysis.

The event logger offers long term recording/storing of all events occurring in the process and that are registered by the control system. It supports detailed data analysis and event/alarm sorting. This is the perfect replacement for an old paper-based printer that lacks all analysis functionality.

What can ABB do for you?
We integrate the latest and up-to-date systems for data logging and event recording into your ABB system, allowing you to get detailed views of the production equipment data.

ABB delivers
Implementation of VIP communication between the control system and the tools.

IBA PDA (process data acquisition) tool:
– recoding digital and analog signals via existing bus networks and remote I/Os;
– resolution possible down to 40 microseconds;
– data storage based on time, material or events;
– easy to use graphical analyzing tool with powerful mathematical functions;
– real time display of the mill signals;
– allows several simultaneous measurements with different triggering conditions.

PriLog Alarm and Event Logger/tool:
– electronically log all alarms and events for the entire lifetime of the mill;
– functions for filtering, searching, sorting and exporting data for further analysis.
Benefits
Your benefits with up-to-date performance analysis tools include:

– a modern, open and flexible solution integrated with your ABB systems for data logging and event recording, implementation of the tools in new off-the-shelf PC hardware;

– a solution that is easily adaptable to future demands, electronic logging, storing, viewing (on or offline) and analyzing (mathematically) of signals in the mill;

– electronic logging, filtering, sorting and analyzing of all events and alarms in the mill;

– limited amount of new controller hardware needed, mill performance improvement based on real and reliable measurements;

– better knowledge about causes that may generate disturbances in your mill, and;

– less downtime by avoiding long and unnecessary troubleshooting.

For more information please contact:

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