The Production Line Monitoring System (PLMS) is a cost-effective approach to automatic data capture, allowing line operators to supplement the production information using a simple and reliable automatic data collection system.

A single sensor is mounted at the filler outfeed of each production line. The digital signal of the sensor for each line is then connected to a single PLC. The Real Time PC communicates with the PLC, counting packages per second. The Real Time PC constantly calculates production related information and updates the server. Real Time and historical information on the server is then made available to network users. The Real Time PC also manages the communications to the wireless LED feedback centers on each line.
PRODUCTION4ACTION captures key performance indicators utilizing standards based performance measurements, including Overall Equipment Effectiveness (OEE). It provides accurate to the second measurements for run time, down time, and product change-over time. The system eliminates manual recording of line events, providing an accurate accounting of total number of stops regardless how short the duration.

The straightforward design of PRODUCTION4ACTION allows quick implementation and training, and in many cases, the system can be operational within a week. An extremely simple and reliable electrical interface requires only one sensor per line stop. The user-intuitive screens requires very little operator training which allows you to lower training costs. The system is flexible in terms of configuring workstations and products, allowing Lab managers the ability to update specifications.

LED displays give you to view up-to-the-minute feedback on line performance as well as relay real time feedback to production personnel. Real-time screens provide actionable information such as current line state, downtime reason, and tracking of line speeds including slow speed events.

**KEY FEATURES**

- Simple and Cost Effective Capture of KPI's
- Real Time Feedback to Production Personnel
- Standards Based Performance Measurements
- Eliminates Manual Line Events Recording
- Workflow and Document Control Integration