



APPLICATION NOTE

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Understanding Job and Operator Performance Increases Profit

To be successful, every effort to increase productivity and efficiency must be based on accurate shop data. The TSS monitor is used to deliver this data, and allow positive changes to enable greater profitability.

Project Goals

Production efficiency depends on many factors, including machine effectiveness, operator diligence, and the quirks of each particular job. But how these factors interact and affect the bottom line can be a mystery if the right process data is not tracked.

SWD Inc., a major Chicago-area finishing and sorting facility, sought to unlock this mystery by tracking the performance of their machines and their operators. They knew that productivity varied from employee to employee, and across the different jobs that they ran on their sorting machinery, but there was no easy way to make comparisons using their current data collection techniques.



They were looking for a way to track these quantities and see how they interacted. Their goals included learning which jobs and which parts were more profitable to work with, to help them sell and schedule jobs more profitably. They also hoped to analyze operator performance, to identify the areas of superior performance and any weaker areas, so they could seek improvement.

Implementation Notes

In order to collect performance data, the IMPAX TSS machine efficiency monitor was selected. The monitor was already equipped to track the performance of parts and operators; only slight tweaks were needed to also allow full tracking of the total parts of each run versus the good parts after sorting.

