



- Improve Efficiency
- Reduce Scrap
- Monitor Production
- Improve Setup Time
- Identify Excessive Downtime
- Manage Maintenance Cycles
- Improve Tool Utilization
- Track Job Status

## **Closer to the Shop Floor with *IMPAX TSS***

Any production monitoring system is only as good as the information it gathers. The IMPAX Time Saver System (TSS) combines state-of-the-art touch screen technology with powerful software to track production and downtime for all factory processes. Using TSS technology means all machine data is tracked, including data that was previously only estimated. Basic information such as production counts and machine speed (RPM) are tracked along with machine uptime and downtime. Downtime logs include the reasons for downtime, as entered by operators using the touch-screen surface. Data for jobs, parts, and operator sessions is also captured.

TSS monitors feature touch-screen interfaces available in 3" 4", 6", and 8" sizes. These monitors can observe any machine process, and display real-time production totals, machine efficiencies, and accumulated machine uptime and downtime. Users can easily navigate the system to view the machine's daily uptime and downtime minutes by shift; production totals by shift; order, tool, and maintenance counters; machine speeds and efficiencies; downtime occurrences; total minutes per downtime, and more.

Once TSS monitors collect critical process data from machines, the data can be transferred to office computers for further evaluation, using TSS-NET. The TSS-NET software can process the data to find parts that tend to be profitable, machines that run at high efficiencies, and operators with good records. Such trends can be isolated, and used as prototypes for more profitable orders and more efficient machines in the future. Furthermore, TSS-NET can identify any chronic problems and rank them according to their severity. This information can be used to ensure the appropriate machine repairs and operator training takes place to eliminate the problems.



### **TSS FEATURES**

- Uptime Minutes
- Downtime Minutes
- Operator Response Times
- Downtime Reasons –Up to 64
- Downtime Log – Dates and Times
- Operating Efficiencies
- Pending Parts - Up to 4
- Machine, Operator, Part Histories
- Order Counter
- Tool Usage Counter (9)
- Maintenance Item Counters (9)
- Production Counts
- RPM and Parts-Per-Minute Rates
- OEE Efficiency Data
- Scrap Counts

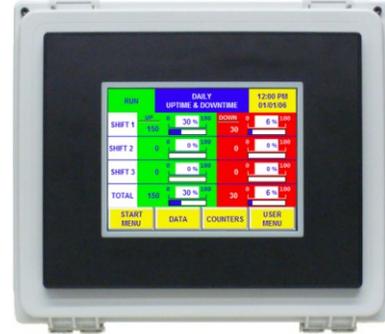
Collecting complete and accurate data right at the machine, along with using software that makes the data immediately available to managers, allows optimum process control and profitability.

For more information see:  
[www.impaxptg.com](http://www.impaxptg.com)  
 Or call us at:  
 630-393-4777



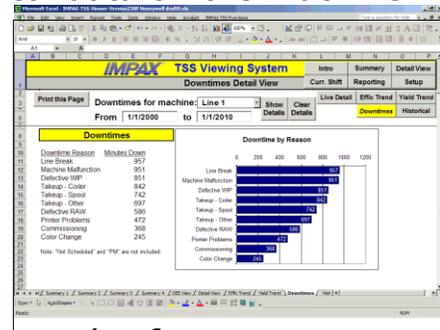
### NEW LARGER SCREEN SIZES FOR TSS

The IMPAX Time Saver System, an efficiency monitoring system by Process Technologies Group, Inc., has been expanded with new technology and new capabilities. The TSS's touch-screen interface is now available in an 8" size (and larger sizes are available on request). The new larger screens allow for better display of shop floor information.



IMPAX TSS monitoring units are designed to track downtime and production for production machinery as well as all other factory processes. The monitors feature touch-screen interfaces that are now available in 3", 4", 6", and 8" sizes. These screens display real-time production totals, machine efficiency, and accumulated machine uptime and downtime. The new 8" screen provides twice the previous resolution, so more information can be shown on each screen, resulting in a better overview of machine status at a glance.

The TSS's data collection is further enhanced by the companion software system, TSS-NET. This PC software collects all historical data on the machine process, logs it to files, and allows custom reporting. Reports can be viewed on job history, production numbers, operator performance, and more.



Additional information can be found at PTG's Time Saver System website. The site, [impaxptg.com](http://impaxptg.com), provides basic information as well as downloads, articles, and application notes on IMPAX TSS monitors and software.

### Company Profile:

Process Technologies Group, Inc. designs and manufactures process monitors, efficiency monitors, and data collection software. The IMPAX TimeSaver System is PTG's customizable machine efficiency and downtime tracking system.

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