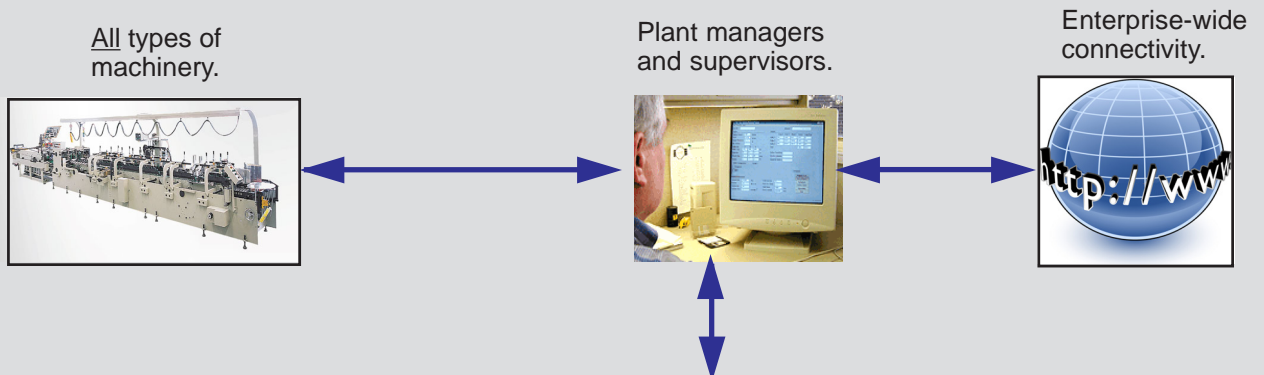


# Collect and analyze real-time production, productivity/OEE data from manufacturing equipment with a low cost wireless data link.



**Prevent problems with real-time production and OEE displays.** Monitor department/group or plant OEE and the components that make up OEE, as well as track individual machine performance.

**Find the factors limiting machine utilization and productivity:**

- \* Utilization/Availability, Yield/Quality, Performance/% Rate.
- \* Run Time, Down Time, Cycle Time, Production Rate.
- \* Production and Scrap counts.

Analyze data by shift, department, product, machine, tooling.

**View manufacturing data in real-time, anywhere, anytime.....**

....on any PC in the plant, or remotely with a Web browser..

**Develop accurate job cost data and production standards by** comparing actual results against standards. Track production in real-time to ensure goals are met, minimize Work In Process and keep inventory accurate.

**Eliminate unproductive labor and manual recording errors.**

Print standard and custom production reports with Crystal Reports, or export to Excel.

**Inform managers with e-mail or text message "problem alerts".**

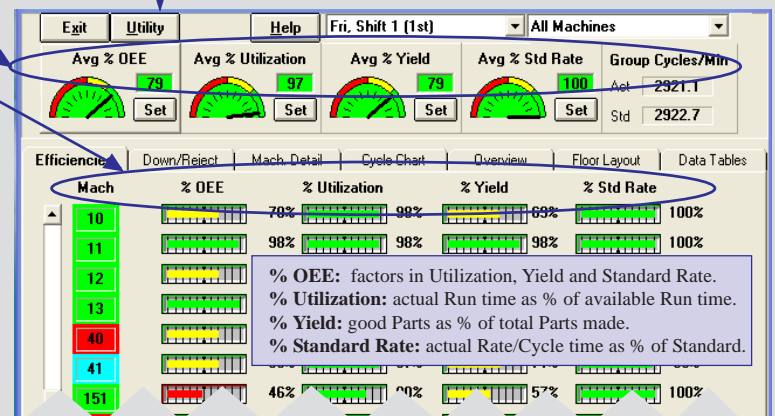
They are automatically sent to a PC, PDA or cell phone when OEE targets are missed, or machine and Job status changes.

**Benchmark your processes, then track results continuously.**

Support your Lean/Continuous Improvement and Six Sigma programs with accurate measurement of your key indicators.

**Visual production scheduling with interface to ERP.**

With optional Job Queue software you can schedule and track Job progress on each machine. Additionally, ERP can automatically download production requirements to Job Queue, then upload production data at job and shift end.



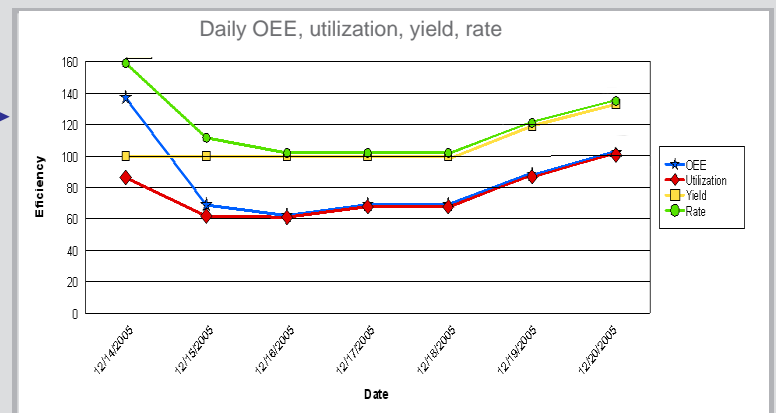
Real-time Data Production - Windows Internet Explorer

ProductionACE by Production Process F

Performance Schedule Diagnostic

Production screen Last update 01/28/2008 16:57:02

Mach	Work Order	Std Cycle	Shift Ave. Cycle	Run Time	Setup Time	Down Thrsh	Down Man	Shift Parts	Shift Rejects	Good Parts
1	wo4565	4.0	4.0	116.9	0.0	0.0	0.0	1754	0	1754
4	wo1452	4.0	4.0	115.9	0.0	0.0	0.8	8765	8765	0
5	wo45455	6.0	4.0	27.4	0.0	0.0	89.3	1502	2674	828
7	wo45254	4.0	4.0	115.9	0.0	0.0	0.7	1751	0	1751
11	wo4524	4.0	4.0	115.8	0.0	0.0	0.7	8745	5	874

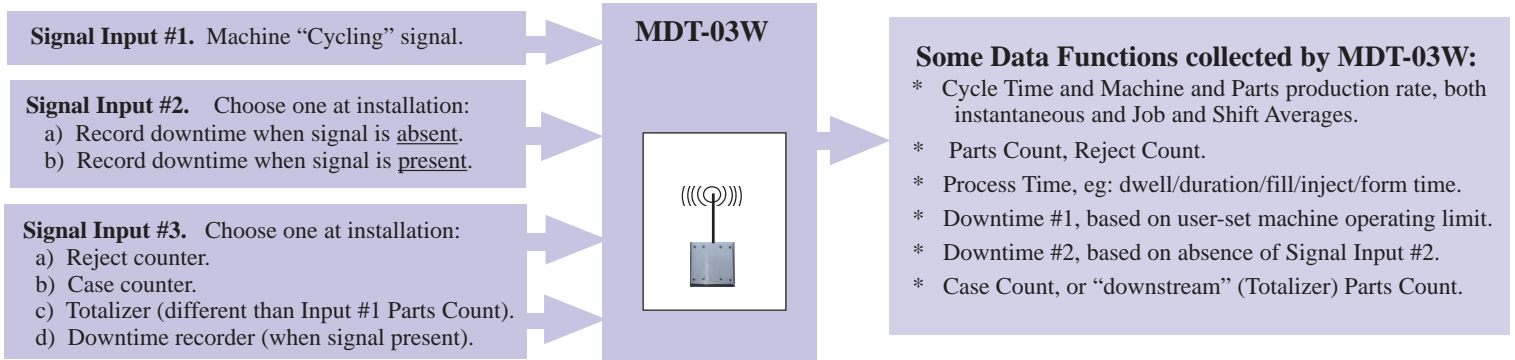


See much more at [www.productionprocess.com](http://www.productionprocess.com).

## MDT-03W is a wireless data collection connection to any production machine.

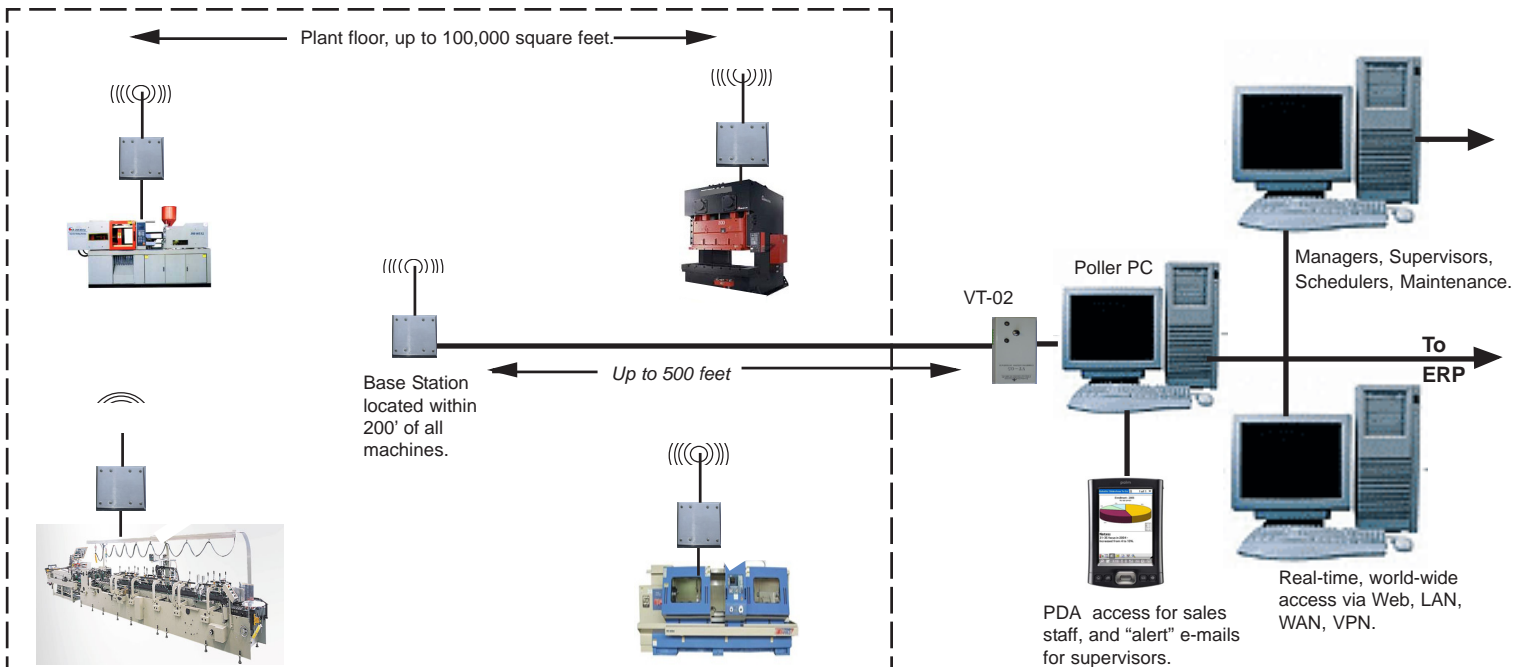
Install an MDT on each production machine and supply it with 115V/230V AC 50/60 Hz power which can be a “drop” from the machine, because the MDT tracks downtime even when machine/MDT is not powered.

Connect MDT to 24V-120V AC/DC signals that already exist in the machine. Signal Input #1 connects to a device that is activated each time a Part(s) is made. Signal Input #2 tracks machine downtime. Signal Input #3 can count Rejects, Filled Cases, Good Parts (such as after an Inspection Station) or function as an Automatic Down Reason. MDT-03W enclosure is standard metal electrical junction box with 1/2” conduit fittings.



## Simple, low cost installation.

Locate wireless **Base Station** near center of production floor, up to 200’ distant from machines. **VT-02** USB Port Extender connects **Poller PC** to **Base Station** on plant floor. Each **MDT-03W** communicates to central **Poller PC** running Windows **ProductionACE** software. Your standard networks and Web browser provide Enterprise-wide visibility and connectivity to all your manufacturing operations.



Contact us to schedule an on-line, “live” software demo with [www.GoToMeeting.com](http://www.GoToMeeting.com)