



Categories



Productivity Monitor

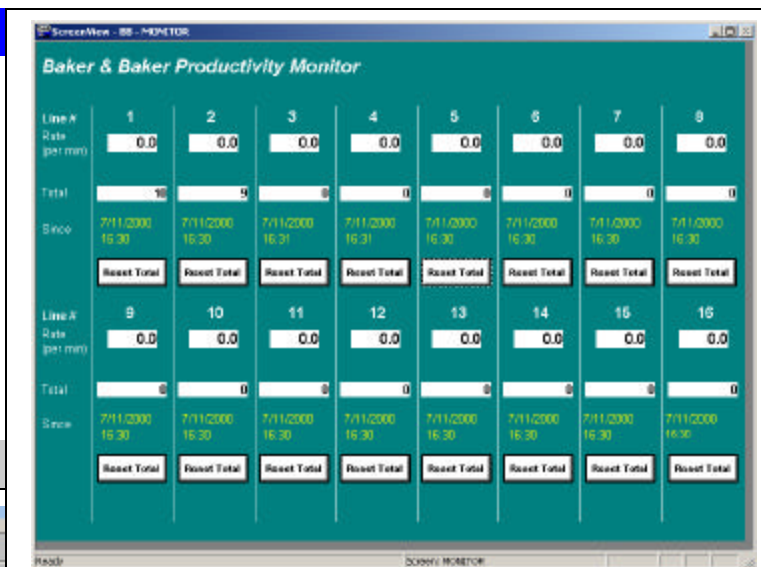
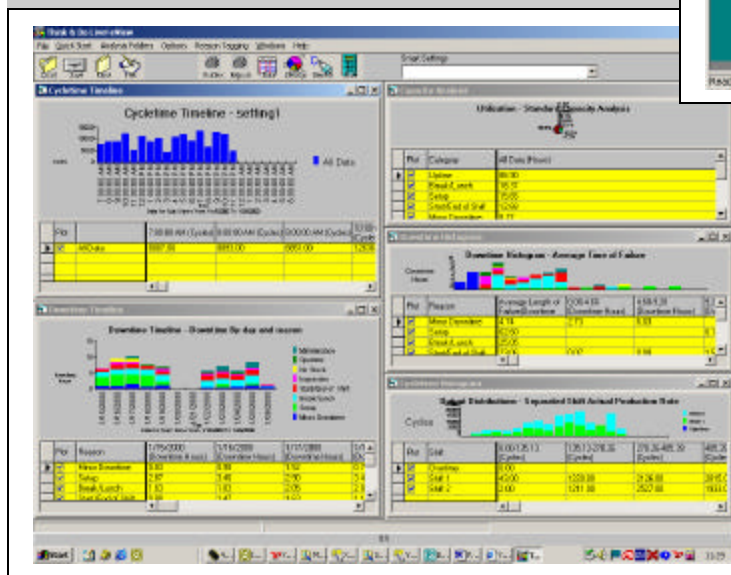
OVERVIEW

DMC completed productivity monitor as a Think & Do Live!® project that allows continuous monitoring of product output for up to 16 lines per machines wired to discrete inputs.

CUSTOMER BENEFITS

- Insight into the performance of manufacturing systems
- Easily found lost productivity opportunities
- Historical data logging
- Highly flexible system to simultaneously acquire and analyze data from various lines/machines from a remote location

Below: production data analysis



Above: main program screen

HARDWARE/SOFTWARE

- PC data acquisition using Think & Do Live!®
- Koyo® Direct Logic 205 IO bases with D2-08ND3 input cards
- Dedicated ethernet local area network using H2-EBC ethernet controllers on each base

SYSTEM DESCRIPTION

The various machines to be monitored are located on the factory floor while all the data from them are collected and analyzed on a PC in a production manager's office connected to the same ethernet local area network. The system provides information about per minute production rates and totals with ability to individually reset totals for each line/machine.

The program also writes records of the cycle production and downtime data to up to 16 comma-separated text files for later use with Think & Do Live!® eView production analysis tool, which presents detailed, graphical views of production data for all the machines being monitored.