

# CNC Innovations, LLC

Innovation Driving Quality and Productivity

MANAGEMENT  
CONTROL  
AND  
REPORTING

## Manufacturing Event Monitoring



Web-Based Application

View Reports by Hour, Shift, Day, Week, Month

Optional Operator Activity Reports

View A Single Machine or User-Defined Groups of Machines

Wireless Solutions Available

Optional Maintenance Reporting

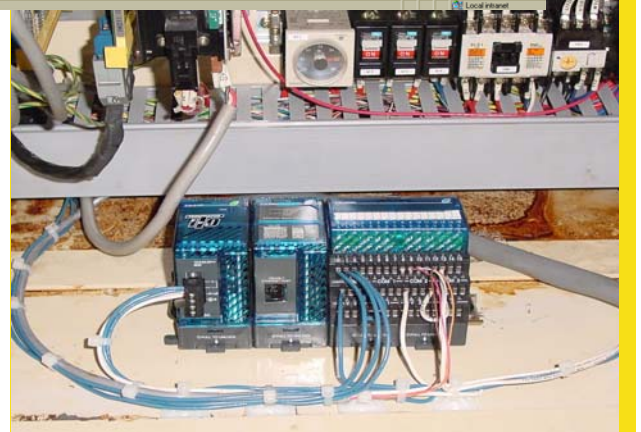
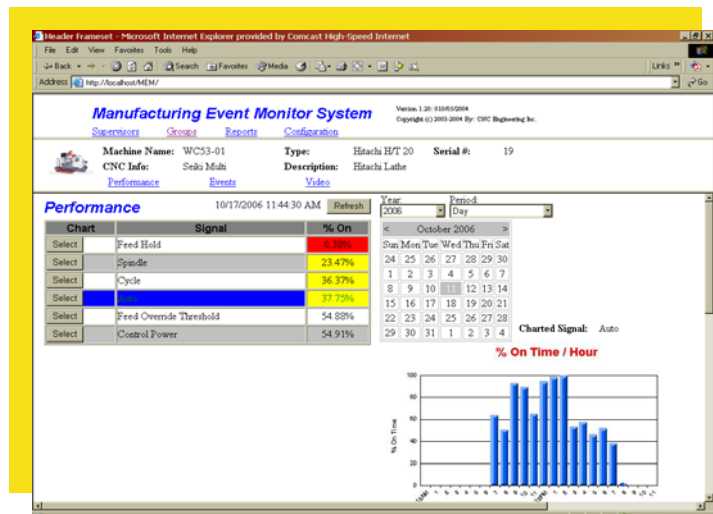
Available Integration with Existing MRP, MES, or Job Systems

## MAKING CHIPS / MAKING MONEY

Conventional wisdom in metalworking says that you are making money only when you are making chips. Manufacturing Event Monitoring (MEM) gives you detailed real-time and historical knowledge of what is happening on the shop floor. That knowledge – when you are making chips, when you are not, and why – gives you the ability to optimize your processes so that you can make more chips and more money.

## ACCURATE DATA, THE FOUNDATION OF SUCCESS

Charts, graphs and summary reports are, of course, an important part of Manufacturing Event Monitoring, but if the data behind these presentations is inaccurate or unreliable then even the most sophisticated presentations are of little value. The accuracy and reliability of data gathered from machine tools varies widely, depending on the equipment and methods of collection used.



Installed Ethernet I/O Module

CNC Innovation's deep expertise in CNC communications and ability to integrate physical and logical data access methods assures that the data obtained from your machine tools is accurate and meaningful.

## SOLUTIONS TO MEET YOUR OBJECTIVES

When you begin discussions with CNC Innovations about Manufacturing Event Monitoring we won't try to dazzle you with chart and report glitz. Instead, we will start by evaluating your manufacturing objectives. From those discussions we will develop a cost-effective plan that utilizes industry best practices to gather and analyze the data you need to meet your objectives.



## OPTIONAL OPERATOR STATUS TRACKING

Machine Events let you know when the machine is running, cutting, etc., but, this data becomes even more relevant when combined with information about operator activities. For example, if the machine is ready for the next part but the operator isn't there to load it, how should that idle time be reported? CNC Innovations offers a variety of methods for tracking operator status such as "At Lunch", "Waiting for Tools" or "In Setup".

## INTEGRATION WITH EXISTING SYSTEMS

To achieve desired manufacturing objectives it is often necessary to incorporate data from MRP, MES, Cell Controls, or similar manufacturing systems. CNC Innovation's software engineers are highly skilled at working with third-party systems and personnel to build creative and cost-effective links.

**Ask About Our  
Wireless Solutions!**

**CNC Innovations, LLC**  
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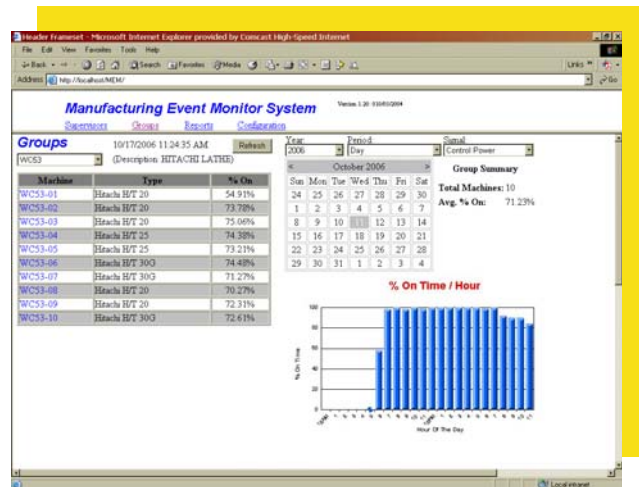
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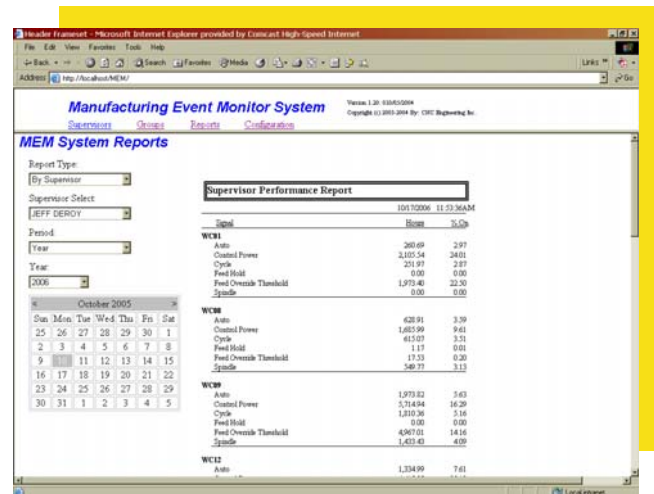
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## CHARTS AND REPORTS TO FIT YOUR NEEDS

Once you have decided on the data that is important to your operations and are ready for implementation, CNC Innovations will work with you to configure your system. Through the use of our pre-defined charts and reports, or the



development of custom charts and reports we can enable you to meet your unique needs. And, our reports are designed as Web pages for easy viewing on any PC with a web browser.



## SINGLE SOURCE SOLUTION

CNC Innovations develops all of our MEM and other software components. And, we install the system ourselves or take full responsibility for any subcontracted installation components. This gives CNC Innovations unsurpassed ability to fully support all of our customer's needs during and after installation.