

MDCC—Manufacturing Data Collection and Communications

The MDCC Solution

MDCC features:

- *On-line shop packet*
- *Instantaneous update of manufacturing information*
- *Bi-directional communication between production control and the shop floor*
- *Interface to Quality Management System*

Manufacturing Data Collection & Communications (MDCC) is a real-time shop floor communications system.

MDCC completes the information cycle by providing timely and accurate feedback to and from the shop floor. It provides any employee from the office to the shop floor on-line, real-time access to the latest information about a manufacturing orders, work centers or employees. This information is critical to planners, schedulers, customer service, foremen and the operators that depend on current information to make decisions.

Customers use MDCC to...

- Electronically communicate information typically included in the shop packet to the shop floor
- Provide instantaneous update of manufacturing information to production control
- Eliminate the number of manufacturing errors attributed to having wrong or obsolete information in a shop packet—all required information is available online in a real time environment
- Record shop activities via the use of a simple bar code of magnetic strip
- Provide the capability to communicate the latest manufacturing priorities directly from production control to the shop floor in real time
- Provide a shop interface to:
 - ◇ View text and messages related to manufacturing orders and priorities
 - ◇ View CAD drawings instantly on the shop floor
 - ◇ Statistical Process Control (SPC) applications
 - ◇ Multimedia applications for operational and safety training

MDCC - Manufacturing Data Collection & Communications

Why MDCC?

"The ability to have online access to pertinent information typically contained in the shop packet greatly alleviates the burden of generating and maintaining paper based shop packets"

*John VanKempen
President
Paper-Less*

MDCC expands your ERP functionality into the Manufacturing Execution System environment.

The application not only collects Time & Attendance, Labor and Inventory transactions, but also provides electronic dispatching and messaging, online drawings / ISO documentation and integrated statistical process control testing.

MDCC augments and extends the capabilities of your ERP systems...

To perform a manufacturing task, material, machines and labor are not the only resources required. Information is just as important as the physical resources.

Publishing, packaging, distributing and maintaining manufacturing order information (i.e. bills of materials, routings, drawings, process sheets...) can become expensive, as well as challenging to maintain and manage.

Typical Data Collection systems provide only part of the information cycle, the collection of data. What is missing is the feedback.

MDCC can complete the information cycle by providing timely and accurate feedback to and from the shop floor.

It provides any employee from the office to the shop floor, real time access to the latest information about a manufacturing order, work center or employee.

This information is critical to planners, schedulers, customer service, foremen and operators that all depend on current information to make decisions.