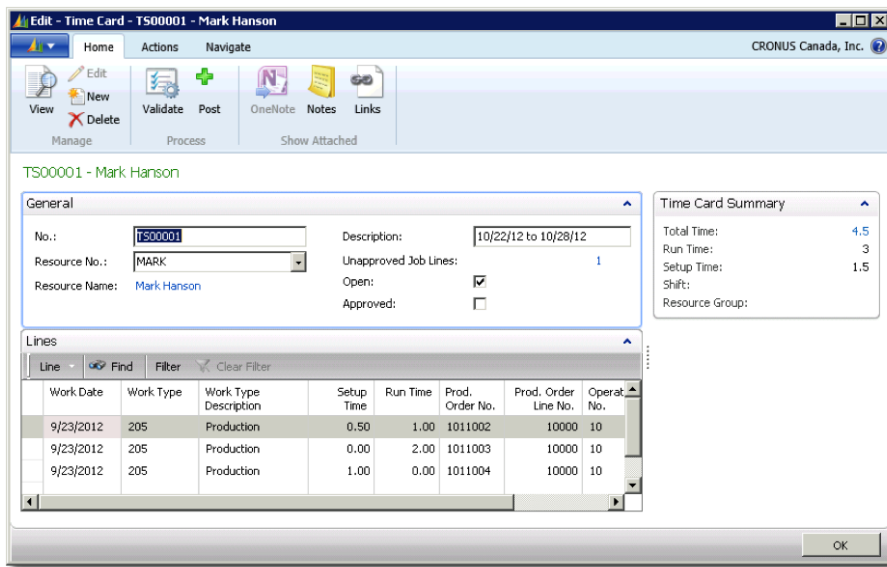
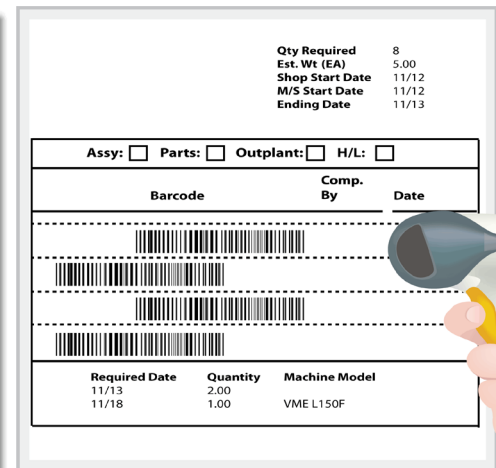


# Time Collection Module

The DMS *Time Collection Module (TCM)* is a comprehensive solution for barcoded time capture, field service, time and attendance, and employee management. TCM integrates directly with NAV to capture work progress and material usage in real-time, dramatically reducing the effort to manage production and job data.



Line	Work Date	Work Type	Work Type Description	Setup Time	Run Time	Prod. Order No.	Prod. Order Line No.	Operat. No.
9/23/2012	205	Production		0.50	1.00	1011002	10000	10
9/23/2012	205	Production		0.00	2.00	1011003	10000	10
9/23/2012	205	Production		1.00	0.00	1011004	10000	10



Barcode	Comp. By	Date

Required Date	Quantity	Machine Model
11/13	2.00	
11/18	1.00	VME L150F

## Benefits

- ✓ Eliminate manual time entry with barcode scanning for Production Orders, Jobs, Assembly Orders, and Maintenance
- ✓ Capture operational data on the shop floor or in the field, including consumption, output, scrap, and quality measures
- ✓ Record non-productive and rework time for advanced reporting on utilization and quality
- ✓ Record time and attendance based on employee shifts with exception reporting
- ✓ Multi-level timecard approval from shop floor or NAV
- ✓ Automatically calculate overtime, shift differentials, etc for direct export to payroll systems
- ✓ Access via web browser to enable data entry from mobile devices in the field or shop floor

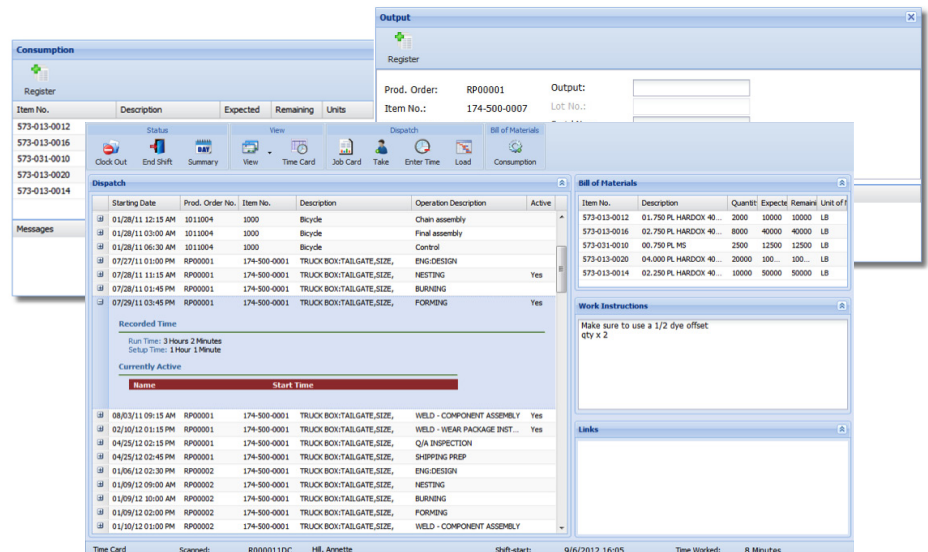
## Time Collection for Production

### Professional Production Management

The DMS Time Collection Module utilizes barcoded production orders to speed shop data input and reduce the errors associated with manual time entry.

### Streamline Shop Floor Data Capture

Enhance data capture and management using TCM's intuitive user interface. Employees can quickly record run or setup time against production orders, non-productive time, and maintenance using shared shop terminals or handheld devices.



The screenshot displays a complex software interface with multiple overlapping windows. The 'Consumption' window shows a list of items with columns for Item No., Description, Expected, Remaining, and Units. The 'Output' window shows fields for Prod. Order, Item No., and Lot No. The 'Dispatch' window shows a list of items with columns for Starting Date, Prod. Order No., Item No., Description, Operation Description, and Active. The 'Bill of Materials' window shows a list of items with columns for Item No., Description, Quantity, Expected, and Remaining. The 'Work Instructions' window shows a text area for instructions. The 'Links' window shows a list of links. The 'Time Card' window shows a table with columns for Name, Start Time, and End Time.

Bill of Materials					
Item No.	Description	Quantity	Expected	Remaining	Unit of Measure
573-013-0012	01.750 PL HARDOX 40...	2000	10000	10000	LB
573-013-0016	02.750 PL HARDOX 40...	8000	40000	40000	LB
573-031-0010	00.750 PL MS	2500	12500	12500	LB
573-013-0020	04.000 PL HARDOX 40...	20000	100...	100...	LB
573-013-0014	02.250 PL HARDOX 40...	10000	50000	50000	LB

Quality Measures				
Qty Measure C	Description	Min. Value	Max. Value	Mean Tolerance
ID	Inside Diam...	0.1	0.15	0
OD	Outside Dia...	0.2	0.205	0

Work Instructions	
Make sure to use a 1/2 dye offset qty x 2	

Links	

### Significantly Reduce Rework

Calculating rework (the amount of time spent repairing defective product) can be extremely tedious and hard to determine. The DMS Time Collection Module provides readily available insight into not only how much rework is taking place, but also allows users to drill-down and find the root cause.

### Real-time Reporting

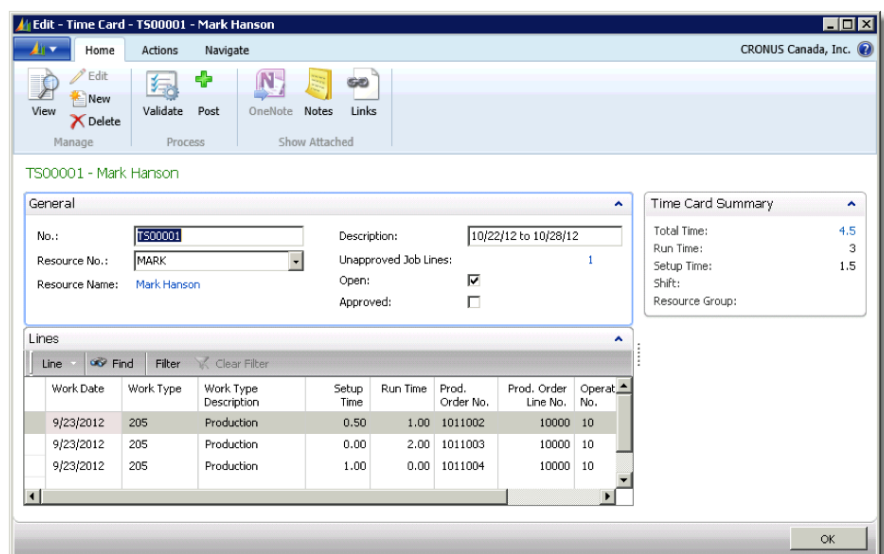
Real-time reporting allows users to analyze job progression and costing; providing immediate feedback to supervisors and planners while maintaining a detailed production history. TCM also provides fully defined reports for managing operations, which can be used for safety program compliance.

## Time and Attendance

### Dramatically Reduce Time and Attendance Data Entry

Automate the time collection process to significantly reduce the labor costs and data entry errors associated with manual entry. Users enter time and attendance information directly, with simple supervisor approvals. Built-in validation and customizable payroll rules for eliminates manual payroll data management, and TCM's intuitive shop floor interface, which emulates the look and feel of a paper time card, speeds adoptions and reduces training time.

Time Card Entry	
No.: RES2532	IN: 2/2/2009 9:12:12 AM
Name: Trudeau, Raymond L	OUT: 2/2/2009 9:17:26 AM
Hours: 6	
WORK ORDER #: (Safety Inspection)	
SETUP TIME: 0	OPERATION:
RUN TIME: 2.5	WORK CENTER:
WORK TYPE: 275	ASSET #:
QTY. COMPLETE: 0	SEQ. COMPLETE: No
WORK ORDER #: 3W22055 (Production (work orders))	
SETUP TIME: 0.5	OPERATION: 020
RUN TIME: 3	WORK CENTER: 00080
WORK TYPE: 205	ASSET #:
QTY. COMPLETE: 4	SEQ. COMPLETE: Yes



Line	Work Date	Work Type	Work Type Description	Setup Time	Run Time	Prod. Order No.	Prod. Order Line No.	Operat. No.
1	9/23/2012	205	Production	0.50	1.00	1011002	10000	10
2	9/23/2012	205	Production	0.00	2.00	1011003	10000	10
3	9/23/2012	205	Production	1.00	0.00	1011004	10000	10

### Customizable and Configurable

Customizable rules further reduce the time and effort needed to calculate overtime and other variables, and configurable work types, payroll codes, project types, and shift patterns adapt to all potential workforce configurations.

### Clear Communication

In the event of time card issues, collaboration tools allow the payroll department to communicate directly to responsible personnel, providing valuable insight across the organization and minimizing the time needed to rectify payroll discrepancies.

## About DMS

Founded in 2008, DMS began as a collection of professionals with decades of combined experience developing and implementing productivity solutions. With a well rounded collective skill-set, DMS has quickly become one of Canada's fastest growing companies by putting customer success above all else.

## Put Our Domain Expertise To Work For You

Dynamic Manufacturing Solutions (DMS) has extensive experience developing productivity solutions for clients in the manufacturing and distribution industries. It's what we know and what we do well. Based on our experience and industry feedback, we've developed a collection of add-ons for Microsoft Dynamics NAV that promote operational efficiency from the shop floor to the boardroom.

### We've Been There

Because we've been on both sides of the implementation experience, we understand the unique needs of all users. At DMS, our "shop floor to the top floor" approach is what makes our employees our products so responsive.

### Gold Certified

At DMS we're proud to uphold the strict standards that the Microsoft Gold ERP Certification requires as it speaks to our ability to develop world-class products that make a positive impact for our clients.



## DMS Products Are NAV 2013 Ready

As Microsoft NAV evolves, so do DMS products. You and your clients can be sure that you're working with up-to-the-minute tools that reflect the most current ERP technology.