



Shop
Floor
Insight

Shop Floor Data Collection

A comprehensive solution for barcoded time capture, time & attendance, and employee time management.

Shop Floor Insight is a Dynamics 365 Business Central and Dynamics NAV add-on for barcoded time capture, field service, time and attendance, and employee management.

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. Use barcoded production orders to speed shop data input and reduce the errors associated with manual time entry.

Shop Floor Insight utilizes barcoded production orders to simplify data capture on the shop floor and reduce the errors associated with manual time entry.

- Eliminate manual time entry with barcode scanning for Production Orders, Jobs, Service Orders, and Fixed Assets
- Capture operational data on the shop floor including consumption, output, scrap, and quality
- Record non-productive and rework time for advanced reporting
- Record time and attendance based on employee shifts with exception reporting
- Automatically calculate overtime and shift differentials for integration with payroll systems
- Access via a web browser to enable data entry from mobile devices in the field or shop floor



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The screenshot shows the 'Production Scheduler' interface. At the top, there are navigation tabs for Status, View, Dispatch, Inventory, and Quality. The main area displays a Gantt chart for the week of March 21st to 27th, 2019. Tasks include 'Chain assembly' for various work centers (120, 130, 200) and time cards (1011003, 1011004). A 'Bill of Materials' table is visible on the right, listing items 1100, 1200, and 1300 with their expected and remaining quantities. A 'Quality Inspections' section is also present.

This block shows two overlapping windows. The top window is 'Time Cards', displaying a table with columns for No., App..., Open, Re..., Validation Error Exists, Empl. No., Employee Name, Hours, and Date. Two entries are visible: TC000466 for Mark H (0.90 hours) and TC000467 for Linda Martin (0.10 hours). The bottom window is 'Time Card Lines', showing a table with columns for Activity Code, Activity Description, Job App..., Time Entry Unit of M..., Setup Time, Run Time, Docum... Type, and Document No. Three entries are shown for activity code 205, with run times of 0.25, 0.37, and 0.00 hours.

This block shows the 'Notes' and validation messages. Under 'Card Validation', a message states: 'Elapsed Time: 47 minutes / Recorded Time: 54 minutes. Total hours on the Time Card is less than the expected amount... Total login time is less than the hours entered. Run time exceeds the expected time of 8 Minutes. Run time was not entered.' Under 'Line Validation', a message states: 'Run time exceeds the expected time of 8 Minutes.'

Barcoded Labor Capture

Speed up shop floor time collection while simultaneously reducing data entry errors.

Scheduling Whiteboard & Graphical Dispatch

View and manage loading more effectively.

Shop Floor Data Capture

Using barcoded time capture, easily track detailed employee time and attendance.

Quality Inspection Module

Easily manage your quality assurance process to increase customer satisfaction.

Rework Tracking & Reporting

Perform root cause analysis to identify common areas of rework and costs.

Real-Time Reporting

Evaluate job progression and costing in real-time.

Exception-Based Time Approval

Simple and efficient tools for reviewing time entries and finding discrepancies.

Consistent NAV Interface

Consistent user interface for office/salaried personnel to simplify tracking of non-shop time and attendance.

Payroll Integration

Seamlessly integrate with your company's internal or external payroll system.

Intuitive Shop Floor Interface

Designed to increase the speed of adoption, reduce training, and reduce entry time and errors.

Facial Recognition

Increase accuracy and security with facial recognition system login.

End-to-end solutions for manufacturing & distribution

The grid contains 12 blue icons with white text and symbols: Warehouse Insight (barcode), Dynamic Ship (truck), Advanced Inventory Count (stack of boxes), License Plating (stack of boxes), Shop Floor Insight (gauge), MxAPS (line graph), Counter Sales (person), Product Configurator (gears), NavXtender (arrow), DocXtender (document), Enhanced Planning Worksheet (bar chart), and Barcode Generator (QR code).



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