



# SHOP FLOOR INSIGHT

for Microsoft Dynamics 365 Business Central

**Simplify creating BOMs and routing to make quote and order generation more efficient.**



Shop Floor Insight is a comprehensive and user-friendly Manufacturing Execution System (MES) that seamlessly integrates with Dynamics 365 Business Central, transforming production management by leveraging barcode technology to capture time using scanners, touchscreens, and mobile devices. This innovative solution increases efficiency, enhances accuracy, optimizes workload distribution, and promotes higher quality control.

With real-time insights and flexible configurations, Shop Floor Insight empowers manufacturers to make data-driven decisions and adapt to diverse workforce requirements, all while ensuring a secure and streamlined user experience.

## Customize and Conquer with Product Configurator

- **Increased Efficiency:** Streamlined time validation and automated data collection reduce time and costs.
- **Enhanced Accuracy:** Barcode and automated time tracking reduce errors for precise labor time tracking.
- **Improved Workload Management:** Visual scheduling optimizes employee allocation and workload distribution.
- **Higher Quality Control:** Tracking and inspections maintain high production standards and minimize rework.
- **Real-Time Insights:** Reporting and analysis enable informed decision-making and continuous improvement.
- **Greater Flexibility:** Configurable payroll rules and multi-level approvals adapt to diverse workforce requirements.
- **User-Friendly Experience:** Intuitive interface and device compatibility offer a seamless and accessible experience.
- **Enhanced Security:** Facial recognition and barcode badges provide increased accuracy and security in attendance tracking.

## Typical Users:

- **Production Managers:** Optimize processes with real-time insights from Shop Floor Insight.
- **Shop Floor Supervisors:** Manage timecards, shifts, and productivity with accurate tracking.
- **Quality Control Inspectors:** Maintain standards and compliance with tracking and inspections.
- **Schedulers:** Allocate workloads efficiently with visual scheduling tools.
- **Machine Operators:** Record production data through barcode scanning or manual entry.
- **HR and Payroll Administrators:** Streamline payroll processes with accurate labor cost calculations.
- **Continuous Improvement Specialists:** Analyze data to identify areas for improvement.

[www.ShopFloorforDynamics.com](http://www.ShopFloorforDynamics.com)

# SHOP FLOOR INSIGHT

## Comprehensive Time and Attendance:

Streamlines employee time management, exception-based approvals, mobile tracking, and overtime calculations.

## Efficient Data Capture:

Utilizes barcodes, touch screens, and a variety of devices to simplify labor time tracking and improve user experience.

## Advanced Production Scheduling:

Enhances workload management with visual production schedulers, shift scheduling, and barcoded production orders.

## Quality and Process Monitoring:

Captures operational data and manages quality assurance processes to identify root causes and improve profit margins.

## Real-Time Reporting and Analysis:

Provides instant insights into job progression, costing, payroll analysis, and customizable reporting with integration into Excel and Business Central.

## Flexible Configuration and Integration:

Offers adaptable payroll rules, multi-level approvals, and seamless integration with payroll providers and other systems.

## User Interface Customization:

Enables user profiles, color configuration, and a streamlined shop floor interface for improved efficiency.

## Enhanced Security and Authentication:

Incorporates facial recognition, employee badges, and photo capture for accurate tracking and increased security.

## Automated and Manual Time Tracking:

Supports both automated time tracking via barcodes and manual time entry, catering to diverse shop floor needs.

## Production Order Management:

Manages simultaneous order tracking, batching, BOM consumption, and output recording for improved productivity.

## Employee-Specific Work Assignments:

Allows for targeted work assignments within work centers, streamlining the allocation of tasks.

## Rework and Quality Inspections:

Tracks rework time, quality attributes, and inspection data to reduce costly rework and ensure high-quality production.

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The image displays two screenshots of the Shop Floor Insight software. The left screenshot shows a 'Time Card' for employee Mark Hanson (TC000533) for the period 2023-03-27 to 2023-04-02. It includes a 'Time Card Summary' with fields for Total Time (9), Run Time (8.75), Setup Time (0.25), Expected (9), and Calculated Log In/Out times. Below this is a 'Weekly Hours Summary' table showing hours worked by day (Monday: 1.25, Tuesday: 9.00, Wednesday: 2.50, Thursday: 1.00, Friday: 4.00, Saturday: 0.00, Sunday: 0.00). A 'Paycode Totals' section shows 8.00 hours for paycode 'BEG'. The right screenshot shows a 'Production Order' (TC000533) for 'Mountain Bike - Aluminum bars, Gas Saddle, Bell, Busk LED, Front/Near mudlap, PEG/SHIMING'. It includes a 'Bill of Materials' table with columns for Item No., Variant, Description, Expected, and Remaining. The table lists items 1300, 1400, and 1430. Below the BOM is a 'Work Instructions' section with assembly steps and an 'Assembly Diagram' link.

## Leaders in End-to-End Solutions for Manufacturing & Distribution

A horizontal row of 15 icons, each with a label below it, representing different software solutions: Warehouse Insight, Dynamic Ship, Shop Floor Insight, MxAPS, Advanced Inventory Count, Counter Sales, Product Configurator, WMS Express, Graphical Scheduler, Order Ship Express, DocXtender, Order Fulfillment Worksheet, Cycle Count Scheduler, Quality Inspector, Enhanced Planning Pack, Barcode Generator PowerTool, Import Export PowerTool, and PrintNode Connector PowerTool.



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