

# Shop Floor Control

## Microsoft Dynamics AX

### BENEFITS:

- Improve the efficiency of your shop floor operations with fast registration of accurate and real time production information
- Reduce manual data entry with automated collection of employee time and attendance
- Save administration time by generating your shop floor payroll quickly and flexibly

**Shop Floor Control in Microsoft Dynamics™ AX automates the collection of employee time and attendance information, project and production data, giving you accurate and detailed insight into your production environment.**

### Fast registration of production and project information

Using Shop Floor Control in Microsoft Dynamics AX, accurate production information is available faster and in more detail than if it were collected manually. Employees can register the time used and the raw materials consumed for individual jobs or operations. Time used on activities relating to particular projects can also be registered in combination with the Project Accounting in Microsoft Dynamics AX module.

For increased accuracy, registration of information using bar codes is supported. Bar codes are automatically printed on all relevant production and project reports. To minimize the number of employees entering data relating to the same job, a team leader who controls the other employees' registrations can be appointed. The use of a team leader saves time, simplifies the process and lowers the risk of data entry errors.

Shop Floor Control in Microsoft Dynamics AX also enables you to bundle jobs to save time on registration. Employees working on several jobs can register time on all of these jobs simultaneously.

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
52	25	26	27	28	29	30	31
1	1	2	3	4	5	6	7
2	8	9	10	11	12	13	14
3	15	16	17	18	19	20	21
4	22	23	24	25	26	27	28
5	29	30	31	1	2	3	4

*A simple screen is used to record clock-in and clock-out times*

## **Automated collection of employee time & attendance**

Shop Floor Control in Microsoft Dynamics AX can significantly decrease the time you spend performing administrative tasks, while increasing the reliability of employee time and attendance data. Time profile schedules can be set up for each employee and the specific profile is selected automatically every time an employee logs in. For example, the time profiles can be set up in groups for day, evening or night shifts, or as detailed as one specific profile per employee.

Shop Floor Control in Microsoft Dynamics AX includes functionality for effectively tracking and managing non-productive time and absences. You can create your own categories such as illness, meetings, training or vacation to define non-productive time. This lets you track your employees' time away from work more precisely, and helps you better analyze your use of resources.

Shop Floor Control in Microsoft Dynamics AX is easy for your employees to use. Simple operational functions and user-friendly screens minimize training needs for employees. Reports are clearly visible on-screen, so users can see the data they are delivering to the system.

## **Fast and flexible payroll generation**

Today, many businesses need to be flexible when it comes to handling employee pay, overtime and holidays. Shop Floor Control in Microsoft Dynamics AX is designed to handle complex pay arrangements, and even gives you the option of letting individual employees define if their overtime is paid or used as time off. It is also possible to integrate payroll data with an external payroll system, and also use payroll periods for grouping or limiting transactions.

Shop Floor Control in Microsoft Dynamics AX automatically calculates payroll for individual employees based on pre-defined pay agreements which specify different pay types such as standard time and overtime. Piecework facilities are also supported as an integrated part of the pay agreements so you have the flexibility to define that pay is calculated by output instead of hours worked.

## FEATURES

### Shop Floor Control I

#### Collection of employee time and attendance information

- Flextime – allows for collection and management of overtime
- Advanced time profile set-ups
- Automatic profile search and profile calendar
- Work planner tool for setting up shift schedules
- Handling of personnel absence, integrated with Human resource
- Collection of machine time
- Notice Board with individual messages and receipt feature
- Two step validation procedure available to check time calculation/approval status. Compare actual time registered to planned time
- Configurable registration forms
- Password specification possible on validation

### Shop Floor Control II

#### Collection of production data

- Job registration on time and units
- Bundling of jobs – allows the same employee to work on several jobs simultaneously
- Team function – a 'pilot' or team leader can to register information for a team of employees
- Collection of non-productive time
- Direct integration with the production and project modules
- Quantity feedback on production orders with use of multiple error causes, integrated picking list update and validation on quantities
- Overview of the production situation
- Simulation of when jobs should be completed based on time allocated

### Shop Floor Control III

#### Payroll calculation

- Advanced setup for generating payroll
- Specify pay types for payment of standard time, overtime, break time, flextime, premiums, and absences
- Flextime – overtime can be saved into a flex account
- Calculate overtime based on the hours worked
- Piecework facilities are supported
- Payroll periods
- Employee controlled pay definition – employees can define if overtime is paid or allocated as time off
- Specify pay for on call duty
- Payroll statistics
- Parameter driven cost allocation. Payroll expenses can be allocated to individual production jobs and operations or to projects.
- Supports exporting of payroll data to externally payroll systems

### Bar-Coding Support in Microsoft Dynamics AX

#### Bar-code types supported

- Reads and writes barcodes for easier time registration purposes

**For more information about Microsoft Dynamics AX, visit:**  
[www.microsoft.com/dynamics/ax](http://www.microsoft.com/dynamics/ax).

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