

SYSPRO

Shop **Clock**™

**Automated Labor Data Collection
and Time & Attendance Solution**



- A truly world class solution used internationally
 - Rich in features and easy to use
 - Supports bar code technology
 - “Management View” of all shop floor activities
 - Developed exclusively for SYSPRO over a decade ago
- Continuously enhanced - A tried and proven solution

***Take control of your shop floor with
SYSPRO ShopClock !***

Would this help ?

- Improve shop floor visibility
- See job status—in “real time”
- Eliminate errors from manual time sheet entry
- Reduce paperwork
- Easily identify jobs that are going over budget
- Capture “non-productive” time on your shop floor
- See who is working on what job

Introduction

SYSPRO ShopClock is built expressly for **SYSPRO** manufacturing software and delivers “real time” integration to capture shop floor labor activities quickly and accurately using bar code scanning technology. Flexible setup options also enable you to tailor the software to meet your Time & Attendance and Labor Data Collection requirements. Recent enhancements include the use of SYSPRO e.net Solutions to allow for instant or batch labor posting and optional material kit issues from within SYSPRO ShopClock.

The software captures elapsed time “as-it-happens” against job / operations. In addition it displays all shop floor activities in a dynamic “Window of Time” (Gantt Chart) that you can view at any PC workstation. This provides an excellent picture for management to see the current activity status of all jobs and employees.

Time & Attendance setup options allow you to define multiple “shifts” with appropriate “rules” to support your personnel policies. You can also create multiple “groups” to which employees are assigned to analyze what is happening in any section of the plant or view employees reporting to a specific supervisor. There is an “Employee Transaction Report” that can be printed on demand to streamline supervisory approval of time recorded for payroll purposes.

Easy to operate on a PC or ComputerWise™ Terminal

Log on or off of a job/operation				
Tue 02:19 PM Aug 22		<-00:00->		Tue 02:19 PM Aug 22
Job	B0000288	MEN'S RACING BICYCLE 10 SPEED		
Oper	3	Run time	Completed	N
Employee	000107	JOHN SMITH		
WorkCntr	MC.95	FINAL INSPECTION		
Machine				
Pieces	0	Quantity	0	Rate 1
Scrapped	0	Code		
NP Code				
Enter Operation Number		3	3	



SYSPRO ShopClock works well in all types of environments. The clocking stations can be low-end PC's with either keyboard input / barcode readers and / or “industrial strength” ComputerWise terminals. SYSPRO ShopClock's verification of data in real time with SYSPRO's job database ensures accuracy. “Clocking on / off” is very easy and you have complete control over the questions employees are asked.

The easy entry screen shown above can ask all the same questions as SYSPRO's labor posting program. You decide which questions are asked in the setup options to tailor it to your needs. In addition, flashy colors and audible sounds give immediate feedback to users to ensure “log on” accuracy.

SYSPRO ShopClock: Take control of your shop floor !

Expedite "clocking" with a control sheet & bar-coded work order

ShopClock
BAR CODE / SCANNING - CONTROL SHEET

Actions	Check Against	Scrap Reason Codes
Clock On Clock Off Clock On "Shared" Clock On "Team" Non-Productive 0 1 2 3 4	Set up Start Up Run Time Teardown Display Time Control Yes No Reorder Cancel / Escape OK / Enter	Defective Materials Mistake on Drawings Operator Error Failed QA Inspection Machine Failure Wrong Material Attendance / On-site Awaiting Instructions Waiting for Materials QA Meeting Training Session Clean-up



Traveler: Work order #

Job# 00000918

Due Printed: 10/09/2005

Stock Code : WAGON, WITH HANDLE	Rev	Customer: SEARS, INC.
Job Desc: WAGON, WITH HANDLE		Sales Order: 05304
Stock Code Desc: WAGON, WITH HANDLE		Start Date: 10/10/2005
Make Qty: W		Finish Date: 10/21/2005
		Drawing: WAGON STRUCTURE

JOB NOTES: REMEMBER THAT THIS HANDLE REQUIRES THE UPDATED DESIGN FOR SEARS
ALL THE HANDLES MUST BE PAINTED BLUE. PANTONE 245 IS THE CORRECT ONE

ROUTING

OP #	Operation #	Work Center	Scheduled Start/Finish	Narration	Accept Reject	Stop Off
1		WG ASS	10/10/2005	ASSEMBLY ACCORDING TO DRAWING		
3		WG GRA	10/17/2005	ASSIGN LETTERING AS PER WORK ORDER HEADIN INSTRUCTIONS		
4		WG ENG	10/19/2005	ASSIGN AND ENGRAVE SERIAL NUMBER DITO CHASSIS OF COMPLETED WAGON		
5		WG INS	10/21/2005	THIS IS OUR LAST CHANCE TO CATCH ANY PRODUCT OR WORKMANSHIP DEFECTS BEFORE		

"Window of Time" - view your shop floor activities in real-time !

ShopClock Client, Registered to: PAL demo copy

List	Emp Name	Display	Job Desc	Group	By Group
1. Peter's Group Service/Repair Division					
DAVE DOOLITTLE	SAND_GRIND FRAME	WELDING PIPES			
JOE HOWE	REPLACE FILTERS	CLEAN UP			
JOHN SMITH	CALIBRATE GAUGES				
MARY CONTRARY	CALIBRATE GAUGES				
MIKE MOOSEHEAD	RE-SEAL COUPLING	WAITING FOR			
SARAH SMYTH	HARDCHROME PLATING				
	DRILL VENT HOLES IN PAN				
2. Rick's Group Custom / Made to order					
BRIAN HOCKON	KITCHEN CABINETS - SMITH				
GREASY GARY	WAITING FOR EQUIPMENT	PULL OUT CUPBOAR			
SALLY SEASHELL	KITCHEN CABINETS - SMITH				
SCOTT TANGIER	KITCHEN CABINETS - SMITH				
WAYNE GRETZKY	FAULTY EQUIPMENT/DOWN TIME	PULL OUT CUPBOAR			
3. Bob's Group Make to stock					
ALEX KEITH	MEN'S RACING BICYCL	MEN'S RACING BICYCLE 10 SPEED			
JUDY ROBOTIC	MEN'S RACING BICYCLE	MEN'S RACING BICYCLE 10 SPEED			
LARRY CANARY	MEN'S RACING BICYCLE	MEN'S RACING BICYCLE 10 SPEED			
PHIL LABORER	MEN'S RACING BICYCLE	MEN'S RACING BICYCLE 10 SPEED			
THELMA ONTIME	MEN'S RACING BICYCL	MEN'S RACING BICYCLE 10 SPEED			
VINCE APPLETON	MEN'S RACING BICYCLE	MEN'S RACING BICYCLE 10 SPEED			

- See all employees activities—Sort by group or shift or job or work center.
- Identify if workers are going over budget, logged off/on, which job, what non-productive activity.
- Select X-Y axis info to your liking (employee name / number, job number, description, work center and more).
- Easily change background and "bar" colors to suit your preference.
- Password protected supervisory capability to edit data complete with audit trail.

Design your shift rules

- Define Shift Rules, complete with automatic tracking of breaks, meals, "fast clocking", auto-clock on/off, etc.
- "Alignment" rules can be applied.
- Copy days for fast setup.

Edit Shift

Code	010	Name	Day Shift
Default	Normal	New Rule	Save Rule
View	All	Copy Day	Delete Shift
			Close

Easy to install, learn and use. Very affordable as well !

Integration with SYSPRO Modules

Standard SYSPRO ShopClock options:

- "Real time" validation of all data against the SYSPRO database.
- "Instant or batch" posting of labor to jobs / non productive codes.
- Seamless integration - utilizes SYSPRO e.net solutions "runtime" license
- Works with C-ISAM / ODBC or SQL versions of SYSPRO.

Additional Options available:

- Automated kit issues of materials based upon quantity completed.

SYSPRO ShopClock Hardware Requirements

SYSPRO ShopClock Server / Console:

- The ShopClock server program simply installs on the same server as your SYSPRO application.

SYSPRO ShopClock Time "Clocking" Stations can be any combination of the following:

- ComputerWise™ ET215 industrial strength data collection terminals
- PC Workstations (Minimum Pentium II running XP Professional)

With

- Bar code reader (such as a Symbol™ LS-2208 or similar)

Available from your local SYSPRO ShopClock Dealer:



SYSPRO Shop Clock

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