



Human Resource Management - Shop Floor Data Collection

Shop Floor Data Collection

The Shop Floor Data Collection module enables information from the factory floor to be collected and collated electronically. As each operation or activity is performed, the information is captured by the employee 'swiping' or 'wandering', using bar-code pens, scanners or through direct-entry into a data capture time clock.

The system also allows data to be captured from standard PDA's using bluetooth wireless technology, or from a PC based application designed for 'touch screen' use, and integrated with real time components. The information collected from the time clocks is user defined and can include employee number, job number, operation number, quantity produced, start and finish times, quantity scrapped and so on.

All entries are checked for obvious errors. Real time or at pre-set intervals the entries are 'collected' from the time clocks and updated to the main system. The information can then be used for a variety of purposes, including automatic posting to Time & Attendance, Work-in-Progress and instant productive and non-productive analysis. As part of the real time WIP interface, a 'work to' list may be created to show jobs scheduled for the work centre and the order that they should be worked. Touch screen applications allow information including required materials or drawings to be displayed.

Advanced Functionality and flexibility

- Unlimited user defined work patterns and work terms
- Continental work patterns, including flexi-time and rotations
- Multiple job/operations per employee, including single or multiple machine minding
- Team and cell processing
- Automatic defaults – cost/work centre/department
- Alternative work pattern management
- Calendar facility
- Temporary and contract personnel
- Estimated times for jobs and operations
- Quantity tolerances
- Real-time 'Work To' list, material requirements and document display
- Labour and Quantity Costing
- Automatic job receipt
- Automatic material issue, including Lot and Serial number entry

Innovative processing

- Real time information and validations
- User defined validation rules
- User defined messages and prompts
- Time & Attendance reconciliation
- Independent data capture time clock functionality
- User defined auto calculation shop floor transactions
- User defined data entry
- Auto assume and transaction generation
- Create in/out 'swipes' for Time & Attendance
- Automatically monitors and creates non-productive activities
- User defined automatic assumptions
- Resources planning
- PC-based time clock and job booking emulator software
- Up-to-date costing and work-in-progress information
- Highlights jobs that exceed estimated times
- Substantiates worked time for high-value projects/invoicing
- Event management



Human Resource Management - Shop Floor Data Collection cont...

User interface

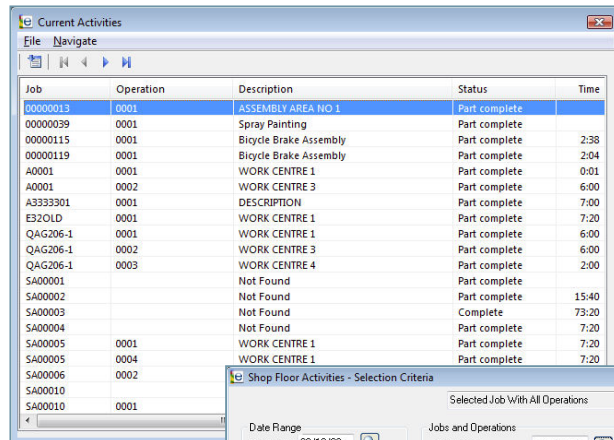
- Wizards
- Online help
- Favourites

Security

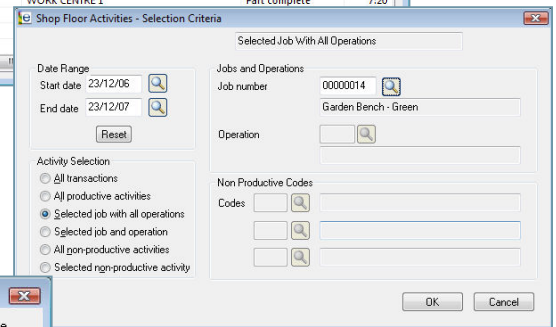
- User access controls and encryption
- Audit trails
- User defined menus

Integration

- Payroll
- Personnel
- Time & Attendance
- Access Control
- Job Costing
- Work In Progress
- Third party report writers
- Comprehensive import/export capabilities, including XML
- ODBC compliant
- MS Office and MS Outlook
- SQL
- Web Portal



Job	Operation	Description	Status	Time
00000013	0001	ASSEMBLY AREA NO 1	Part complete	
00000039	0001	Spray Painting	Part complete	
00000115	0001	Bicycle Brake Assembly	Part complete	2:38
00000119	0001	Bicycle Brake Assembly	Part complete	2:04
A0001	0001	WORK CENTRE 1	Part complete	0:01
A0001	0002	WORK CENTRE 3	Part complete	6:00
A3333301	0001	DESCRIPTION	Part complete	7:00
E3ZOLD	0001	WORK CENTRE 1	Part complete	7:20
QAQ206-1	0001	WORK CENTRE 1	Part complete	6:00
QAQ206-1	0002	WORK CENTRE 3	Part complete	6:00
QAQ206-1	0003	WORK CENTRE 4	Part complete	2:00
SA00001		Not Found	Part complete	
SA00002		Not Found	Part complete	15:40
SA00003		Not Found	Complete	73:20
SA00004		Not Found	Part complete	7:20
SA00005	0001	WORK CENTRE 1	Part complete	7:20
SA00006	0002	WORK CENTRE 1	Part complete	7:20
SA00010	0001			



Selected Job With All Operations

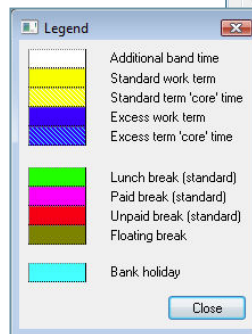
Date Range
 Start date: 23/12/06
 End date: 23/12/07
 [Reset]











Jobs and Operations
 Job number: 00000014
 Garden Bench - Green
 Operation: []

Activity Selection
 All transactions
 All productive activities
 Selected job with all operations
 Selected job and operation
 All non-productive activities
 Selected non-productive activity

Non Productive Codes
 Codes: [] [] [] []

[OK] [Cancel]



	Additional band time
	Standard work term
	Standard term 'core' time
	Excess work term
	Excess term 'core' time
	Lunch break (standard)
	Paid break (standard)
	Unpaid break (standard)
	Floating break
	Bank holiday

[Close]

