

Real-time Data Collection



The Real time 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 directentry into a data capture time clock.

Facts

The Benefits of Real time Data Collection

- The system 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
- Real time or at pre-set intervals the entries are 'collected' from the time clocks and updated to the main system which means the information can then be used for a variety of purposes, including automatic posting to Time and Attendance, Work-in-Progress and instant productive and non-productive analysis
- Advanced functionality and flexibility including unlimited user defined work patterns and work terms, continental work patterns, including flexi-time and rotations, and multiple job/operations per employee, including single or multiple machine minding.

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Facts

Equator Real time Data Collection Features

- 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
- Real time information and validations against the SYSPRO database
- User defined auto calculation shop floor transactions
- User defined data entry
- 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
- Automatically monitors and creates non-productive activities

Name	Shift Date	Minute Sec	Transaction Description	Start/End Type	Transaction Date	Work Pattern	Work Pattern Description	Terminal ID	Terminal Description	Work Centre	Work Centre Description	Cost Centre	Cost Centre Description	Department
Employee 00000														
Transaction Type 000														
Function Key 0														
James Peter	04/05/2012 14:00	10	Start Job	A Start Job	04/05/2012 14:00	SD44	Standard Day (9:00-17:30)	420UMED		EMBL	Drilling	OC1	Production line 1	PRD1
James Peter	01/06/2012 11:47	10	Start Job	A Start Job	01/06/2012 11:47	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	EMBL	Drilling	OC1	Production line 1	PRD1
Function Key 1														
James Peter	04/12/2010 15:36	10	Start Job	A Start Job	04/12/2010 15:36	SD44	Standard Day (9:00-17:30)	SPDC	SPDC	PAHT	Spring Forming	OC1	Production line 1	PRD1
James Peter	18/03/2012 16:52	20	Start Job	A Start Job	18/03/2012 16:52	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	EMBL	Drilling	OC1	Production line 1	PRD1
James Peter	01/05/2012 17:09	20	Start Job	A Start Job	01/05/2012 17:09	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	EMBL	Drilling	OC1	Production line 1	PRD1
James Peter	04/05/2012 10:34	20	Start Job	A Start Job	04/05/2012 10:34	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	EMBL	Drilling	OC1	Production line 1	PRD1
James Peter	04/05/2012 10:37	20	Start Job	A Start Job	04/05/2012 10:37	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	EMBL	Drilling	OC1	Production line 1	PRD1
James Peter	04/05/2012 10:52	20	Start Job	A Start Job	04/05/2012 10:52	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	EMBL	Drilling	OC1	Production line 1	PRD1
James Peter	04/05/2012 10:55	40	Start Job	A Start Job	04/05/2012 10:55	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	EMBL	Drilling	OC1	Production line 1	PRD1
James Peter	28/01/2013 09:00	10	Start Job	A Start Job	28/01/2013 09:00	SD44	Standard Day (9:00-17:30)	420UMED		EMBL	Drilling	OC1	Production line 1	PRD1
James Peter	28/01/2013 09:56	10	Start Job	A Start Job	28/01/2013 09:56	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	MEVCH	Bicycle Wheel Assembly	OC1	Production line 1	PRD1
James Peter	28/01/2013 16:01	10	Start Job	A Start Job	28/01/2013 16:01	SD44	Standard Day (9:00-17:30)	701	Terminal 1 - Production	ASSEMB	Assembly	OC1	Production line 1	PRD1