



WIP-IT

Work in Progress made easy

WIP-IT is a **Work-In-Progress tracking**, or **Job Tracking** system, designed for SMEs and small businesses. WIP-IT uses barcode technology and shop floor data collection terminals to scan products as they pass through each step of the manufacturing process and into a final stock location, giving you vital, real time data.

Work-In-Progress tracking refers to the tracking of a Job or Works Order through the manufacturing process. Each item is tracked uniquely as it is fabricated, manufactured or processed. There are normally several steps to the manufacturing process and at each stage the item, or its **Works Order** sheet is scanned and the required actions recorded providing a very accurate record of the items journey through assembly to finished product. With this information you also have a line of accountability when there are defects or production issues.

How it works

WIP-IT consists a back office PC based application and a shop floor data collection application using rugged wireless mobile computers or android tablets. The hand held terminals or tablets are connected to the back office system via your own Wi-Fi network.

The Back Office is used for displaying information clearly and simply and also for adding new products, creating work cell locations, jobs and routes and also for reporting.

| JobNo | JobDescription | Status | Stock_Code | Stock_Description | Qty_Required | Booked_In | Customer | StartDate | EndDate |
|-------|----------------|------------------|------------|-------------------|--------------|-----------|------------|------------|------------|
| 1 | New Job 1 | WIP | BOARD001 | Test Item | 1 | 0 | Customer 1 | 12/12/2016 | 13/12/2016 |
| 2 | New Job 2 | PUTAWAY COMPLETE | BOARD003 | Test3 | 2 | 3 | Customer 2 | 13/12/2016 | 13/12/2016 |
| 4 | New Job 4 | PUTAWAY COMPLETE | BOARD004 | Test 4 | 4 | 8 | Customer 2 | 13/12/2016 | 18/12/2016 |
| 5 | New Job 5 | PUTAWAY COMPLETE | BOARD004 | Test 4 | 3 | 3 | Customer1 | 14/12/2016 | 14/12/2016 |
| .. | | | | | | | | | |

The system can be configured to allow a job to move to any location without restriction. Alternatively specific routing can be added that will only allow the job to follow its designated route.

Job cards or works orders can be created using the back office system or it can generate a barcode label that can be stuck to your existing works order form. We provide a barcode label printer as part of the WIP-IT system.

WIP-IT will function as a standalone system or interfaces are available to allow information to be extracted from other system such as **Sage 50**. These interfaces allow order information to be automatically pulled into **WIP-IT** to reduce manual input.

Shop Floor Data Collection

The most important thing for use of the data collection devices on the shop floor is not to slow down the work processes. The handheld software is, therefore, as simple as possible with minimal input required from the operator. To this end barcodes are be used as the main input method.

Each user or work station has its own log in details, created in the back office, and will have a work cell location allocated to them. Once logged in the user scans the works order barcode which updates the back office system with the jobs current location. The system will also record information such as user name, date / time and, if required, quantity on hand.

The system has simple stock management facilities that allows a job to be scanned from the manufacturing process directly into a storage location.

Depending on the type of products being manufactured it is also possible to store a batch number or serial number against a finished part. The live stock situation can be viewed via the back office. It is also be possible to allocated costings against stock for the purpose of running stock valuation reports.



Efficiency

Automating your process and eliminating paperwork

Accuracy

reduce human error by collecting data electronically

Traceability

know what stage every product is at in real-time information

Cost saving

increased efficiency, accuracy, and traceability.

Productivity

achieve more throughout the day with a more streamline and automated process

Fast return on investment

cost savings and increased productivity means WIP-IT pays for itself in, typically, under a year

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