

## **Optimise the efficiency and traceability of your mobile workforce operations**

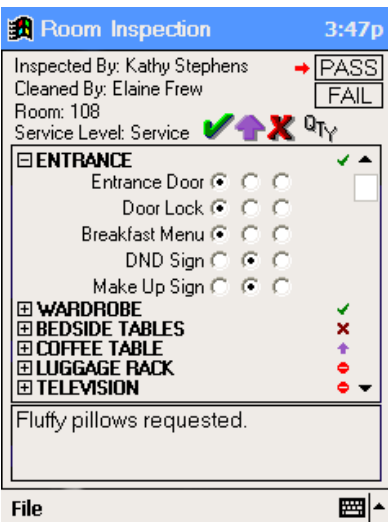
Mobile Workforce Manager (**MWM**) is a powerful and flexible system utilising modern mobile computing and wireless communications technology to improve the efficiency of mobile workforce operations.

The system includes a central scheduling system to create tasking for personnel, subcontractors and franchisees who work in the field or at remote locations. Compact hand-held computers are used to receive work instructions and enter information relating to tasks being performed. Integrated barcode and RFID scanning capability makes it easy to register location of workplaces or identification of equipment being worked on.



Modern wireless communication systems, like Wireless LAN, GPRS and Next G provide efficient data transfer between mobile workers and business operations management.

### **Key functional areas of the system are:**



- **Task scheduling and allocation** - tasks are scheduled by operations personnel and sent to hand-held computers allocated to mobile workers, using wireless LAN or 3G / NextG. Service Route planning can be incorporated using Microsoft Mappoint.
- **Data entry** - site / operation specific "soft" worksheets are completed by mobile workers using hand-held computers.
- **Site, asset or equipment verification** - RFID tags or barcodes are read by hand-held computers to verify equipment worked on and location of work performed
- **Data uploading** - "soft" worksheets are uploaded by wireless network to a central processing system
- **Reporting** - reports are generated quickly and accurately using powerful report generation software
- **Audit trail** - An accurate and readily accessible audit trail is established

### **Many applications exist across a broad spectrum of industries. Some examples are:**

- **Equipment servicing** - Scheduled and breakdown maintenance of high value equipment
- **Engineering and construction** - Tracking and verification of remote site work, inspection and testing performed
- **Asset management (MWM AssetTracker)** - Detailed asset information and maintenance data is available, and operations are recorded at the point of maintenance/inspection using hand-held computers, with equipment identification by RFID tags or barcodes
- **Hospitality** - Tracking and verification of cleaning, servicing and quality assurance operations
- **Food processing** - Strict control of cleaning and quality assurance in an environment with stringent hygiene requirements and where HACCP accreditation is a significant advantage
- **Proof of delivery verification** - product deliveries are verified using electronic signatures

APC Integration's Mobile Workforce Manager is a modular flexible system designed to be readily adaptable to suit the individual needs of each customer.