

MWM + QC

MOBILE WORKFORCE MANAGEMENT SYSTEM AND QUALITY CONTROL





MWM - Mobile Workforce Management Software

MWM is a real-time smart solution for industry businesses with employees in the field and factory production environment. Comprehensive Mobile Workforce Management software provides powerful field service planning and workforce tracking and is designed for field service optimization and task scheduling.

Field supervisors benefit from providing their input directly in the field while having all the data available in real time on the mobile application, seamlessly synchronized with the web application and back office. Workers schedules can be updated dynamically in response to real-time events and service engineers can be automatically directed to their next job.

Initially developed to organize welding and assembly workers by tasks and activities, application can be adapted to any other industry sector or service depending on customer requirements.





Application Objectives:

- Project management
- Human resource management
- Task management
- Documentation review
- Reports and statistics

Application Goals:

- Reduction of the administration tasks
- Web and mobile application synchronization
- Working on field with or without internet access
- Working in difficult conditions for a mobile device

Solution:

- Powerful Web application (browser platform)
- Native Android mobile application



Mobile Application Outline



PROJECT

Detailed entry by object, module, assembly position, welding position

Project or position documentation can be imported in different formats (Excel, Access, CVS, XML)

USERS

Separation of concerns between users and administrator

User has data entry permissions

Administrator has data entry and data change permissions as well as supervision upon all the users

WORKFORCE

Classification of workers to welders, locksmiths, field managers

Each classification has predefined work tasks

Additional work tasks can be assigned to workers on spot

WORK TASKS

Welders: TIG welding, MIG welding, weld cleaning

Locksmiths: leveling, positioning

Field managers: forklifts management, warehouse management, work safety

Internal QC NDT quality control: PT, MT, VT, UT, Dimensional, etc.

Additional repairs can be set after internal NDT control and FAT quality control

DAILY WORK SCHEDULE

Field manager creates list of workers per project and position and gives out work tasks

All the mobile application data is automatically synchronized with web application

REPORTS

Application generates group reports by daily work schedule or individual reports by worker

Upon field manager's and QC report, application can generate list of faults per welding joint or position as well as workers working on that joint

ADDITIONAL FEATURES

Warehouse management

Equipment borrowing

Application Features



WEB Application:

- Project management
- Supplier management
- Client management
- Employee management
- Application user management
- Employee time-sheet reporting
- Task management
- NCR - NonConformity Report
- Documentation management (PDF, DWG, Excel, etc.)
- Purchase management (option)



MOBILE Application:

- Employee schedule / manpower management
- Task and activity management
- NCR - NonConformity Report
- Documents viewer (PDF, DWG)