Mobile MES

ProfitKey's Mobile Manufacturing Execution System (MES) offers an all-inclusive Operator Console affording you access to all the information necessary to dispatch and operate a work-center from a Microsoft Tablet with an integrated bar code reader that your workers carry with them during the day.

MOBILE MES REPLACES YOUR KIOSK BASED MES WITH THREE MAJOR ADVANTAGES:

Labor Cost Savings

- Workers have their tablet loaded with the software with them all day, they are untethered and can log their jobs from anywhere on the shop floor without having to locate a kiosk, wait in line, log their job and then sanitize the area for the next worker. The cumulative time saved with the tablets can drive a payback for this investment of less than 3 months.

Shop Floor Space Savings

- Removing your current kiosks frees space for expansion on the shop floor without the expensive necessity of expanding your current square footage.

COVID-19 Benefits

- Best practices in this time of pandemic means social distancing and constant cleaning. Workers queuing at the kiosks and then cleaning and wiping down the kiosk after every use is eliminated with the tablet at the workstation. No queues, cleaning, or wiping until the shift is over.

USE CASES FOR MOBILE MES:

- Roving inspectors
- Workers running multiple machines
- Workers with in/out times for multiple jobs that take less than 10 minutes each
- Employees in a wireless environment with limited floor space

Mobile MES ships on a tablet with all the necessary software installed. The tablet camera can be used to read bar codes, or you can use a mini wireless bar code reader that is included and ships with the tablet.

MOBILE MES HAS ALL THE FUNCTIONALITY OF PROFITKEY'S RAPID MES:

All-inclusive Operator Console Form

- From a single display/form enjoy finger-tip access to all information needed to operate a work center:
  - **View Traveler**/dispatch information on-line
  - **Push Button** convenience with mouse, light pen, or touch screen for:
    - **Attendance** clock-in/out
    - **Set up** clock-in/out
    - **Run** clock-in/out
    - **Rework** clock-in/out
    - **Down** clock-in/out
    - **Log** multiple starts/stops
    - **Start** SPC functions
    - **Append** notes to work order operations specs
    - **Inspect** in-process through interface with optional Quality Module

Electronic Dispatching

- **View** authorized traveler information upon login
- **Controlled viewing** of work center assignments
  - See only the current assignment
  - See all assignments for a day, or days, or any future number of operations
  - Allows only authorized operator(s) to work at a work center
- **Electronically Dispatch** traveler/scheduler changes to the appropriate work **instantly**
- **Operate** paperless or paper-lite – **Save paper costs**
- **Barcodes** are not required but can be utilized

Document Management

- Rapid MES includes the RRM Document Management module.
- All documents maintained in Item, Work Center, and Operations folders for the job being processed are viewable from the Operator Console.
- Documents in folders can be viewed or printed on local or network printers.

Integrated with Operations Monitor

Real-time Integration with the PK Database

- A separate MES database is not required

PK Rapid MES is seamlessly integrated with all other PK ERP functions and modules including scheduling, dispatching, and costing

Easy to Learn

- Operators can learn how to use the Operator Console in less than an hour
- Full implementation requires just one on-site day

Flexible Configuration

- A single LAN Client PC can serve multiple operators or be used as a kiosk
- Front office seats are not needed
- Rapid MES is licensed on a flat fee basis

Allows for one employee to work on multiple operations, with auto cost allocation

Flexible, user/object-based security allows each user customized visibility and access

Improve labor and cost accuracy to 95+%