

advenco Consulting GmbH is a full-service manufacturing IT provider, delivering high performance IT solutions to manufacturing companies.

The core competencies include production management (MOM, MES), production scheduling (APS) and data analysis and evaluation (EMI). A special focus is set on business processes that cannot be captured automatically. advenco provides mobile solutions to integrate manual processes in the overall manufacturing IT infrastructure

advenco is located in Giessen, Germany, operating in many countries around the world



## Mobile Workflow Management System



key2operate is a system dedicated to the non-automated business processes within a manufacturing enterprise. It supports the user by collecting information, guiding through the plant and managing the day-by-day working tasks.

key2operate is the key to integrate manual business processes into the overall automation of the production

The system allows the creation of workflows for modeling arbitrary business processes. They are executed on mobile clients, such as smartphones, RFID- or barcode scanners, tablets etc., both in online or offline mode with automatic replication.

After the menu based design of a workflow and its graphical representation, the data will be sent to the mobile device.

key2operate can then be used for reporting of operations, inspection rounds and maintenance activities within production sites. It allows the execution of almost every manual business process with the ability to guide the user with additional documentation, photos and work instructions to describe the tasks and minimize the errors.

Plant equipment and machines will be clearly identified and operation feedbacks will be given immediately through manual inputs on the mobile device or scanning of barcodes and RFID tags. Thanks to the real-time interface important parameters can be visualized and observed parameters while executing the operation.



- **Transparent and reproducible operations**
- **Less errors**
- **Reliable just-in-time task confirmation**
- **Easy integration into the main production process**
- **Better quality**
- **Reduced maintenance costs**

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