

## di:ALog *mobile*

Mobile data capture



- record - evaluate - optimize
- Mobile devices  
Application software  
System integration

# :Application and devices



## Why mobile data recording

Mobile data recording enables to raise data right where it is generated. It offers exceptionally high potential for optimization. The mobile data recording is an essential prerequisite for many processes. It has, amongst others, following advantages:

- Increase of process transparency
- Precondition for process optimization
- Immediate availability of all information by real time recording and real time processing
- Increase of quality
- Plausibility check immediately after data record
- Omission of redundant data record
- Precondition for paperless production
- Possible to be integrated in existing IT-infrastructures afterwards

## Typical Applications

- Warehouse management, warehouse control and warehouse optimization
- Tracking and Tracing / Batch tracking
- Record of operating data
- Maintenance and service

## Mobile devices

- Mobile data capture devices
- Lift truck terminals
- Wired and wireless scanners
- Tablet-PCs
- Smartphones suitable for industrial application
- Mobile label printers
- Different protection classes, as IP54 till IP68 or explosion protection

## Data record techniques

- 1D and 2D code scanners
- RFID technique
- Visual / camera based data capturing
- Voice recognition / Pick-by-voice

# Software and service

## Application software on mobile devices

Our application software ranges from software for mobile devices or lift truck terminals to smartphone apps. The application software includes, amongst others, following key-features:

- Intuitively operable
- Also possible to proceed in spite of interrupted online-connection by means of batch-method
- Uncomplicated adaptation to customer requirements by high-performance modules

## Simple integration into the existing system landscape

- Individual interfaces to the stationary software
- Use of high-performance middleware with standard interfaces to the hardware components and host systems of leading producers
- Optimal data preparation

## Maintenance and service

- Configuration and installation
- Implementation
- Project management
- Maintenance and support agreements
- Training
- Loan devices and replacement service
- Hotline (also possible 24/7)

## Mobile Device Management

At the Mobile Device Management mobile devices are managed by the central administration software.

Advantages:

- More security by direct access onto the mobile device data, central assignment of passwords or the possibility to only accept certain applications on the mobile device
- Remote-support
- High cost efficiency e.g. by central configuration of mobile devices and monitoring the device states



## :Comprehensive solution from one source

Our supply and service range comprises software, hardware, modules and complex systems for the optimization of any material and goods flows within the company as well as consulting and project management. Certified interfaces set stable connections to SAP or other ERP systems.

### **Dresden Informatik Advanced Logistics Suite**

- di:ALog *warehouse*** - the innovative warehouse management
- di:ALog *material flow*** - the material flow calculator
- di:ALog *yard*** - the yard management system
- di:ALog *automation*** - automation in the warehouse
- di:ALog *track&trace*** - package and goods tracking
- di:ALog *kanban*** - the modular eKANBAN solution
- di:ALog *link*** - the intelligent IoT-Middleware
- di:ALog *mobile*** - the Mobile Data Capture

### **Hardware**

- Barcode technology
- RFID technology
- Mobile data capture devices
- PCs and server applicable for industry
- Network and WLAN technology
- Warehouse and tracking technology
- Specialized solution



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