INTEGER
SOLUTIONS

Mobile management for construction machinery, Devices and materials
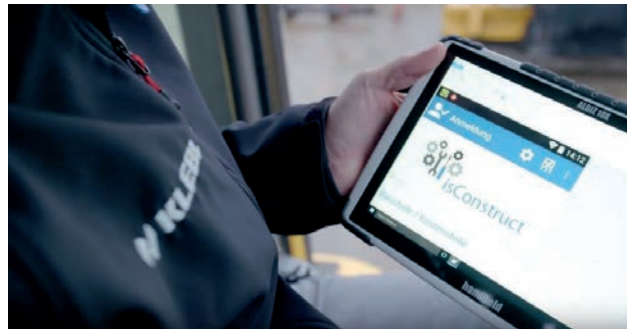
is**Construct**

Keep track of materials and machines on the go

Features of **isConstruct**

- Recording on devices using a barcode scanner for inventory purposes.
- Stock check.
- Mobile use - on the go and at the construction site.
- Connection to the ERP system
- Maintenance and display of maintenance intervals.
- Automated data exchange with the merchandise management system.

Keep track of your construction machinery and materials

Scheduling for the devices and materials used on construction sites often takes place through informal channels or by using paper lists, which must then be entered arduously into a database. If this process is carried out across several sites, it can lead to inaccuracies or out-of-date information. This then leads to difficulties in determining the current status of machines and devices and may potentially result in delays for construction projects.

This is where the **isConstruct** solution, specially tailored to the needs of the construction industry, comes to use.
isConstruct is a software solution for mobile data collection terminals. With it, construction companies can keep track of their machines, devices and consumables and manage cost centres.

A typical process with **isConstruct**:

- All devices and consumables are given a durable label with an independent barcode and these are recorded on the **isConstruct** software.

- As soon as an item or device leaves the work yard, it is scanned using a mobile barcode terminal and this information is immediately relayed to the merchandise management system, along with the target location or construction site.

- The information about materials and devices is now available across the company and can also be read on mobile terminals at any time at the click of a button.

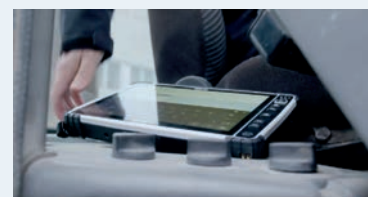## Optimise processes by using mobile solutions

Each item is labelled with a barcode.

Incoming and outgoing items are scanned and recorded with the construction site no. and warehouse location.

The data collected is transferred to the merchandise management system's central database immediately.

Information from the MMS can be read anywhere and at any time on the mobile terminal.

One device - many features

Mobile computers are more robust and durable than conventional smartphones and can be used for a variety of tasks

- Read barcodes/RFID tags.
- Read the latest current status for materials and construction machinery.
- Carry out transfers and requests in real time.
- More communication possibilities with the central system:• Online connection to the overarching ERP system
  - • email function• telephone (only with GSM-module)
- Integrated camera for documentation purposes (damages etc.).
- With a mobile printer, labels can be printed on-site at the touch of a button.

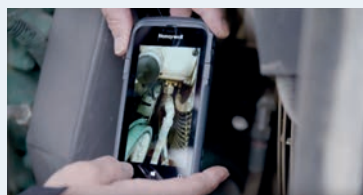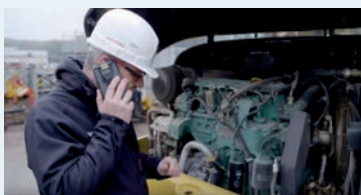Mobile barcode terminals:
One device for several tasks

Direct communication with the database/merchandise management system

The mobile barcode terminals can either record material and machine movements automatically and transfer this data to the central database/merchandise management system or they can communicate with the merchandise management system live via wireless and GSM. This means that the data is available across the whole company, regardless of location. This improves transparency, optimises planning and saves time. Up-to-date information about construction machinery or the required materials can be read on the barcode terminal at the touch of a button and edited where required. Employees at the builder's yard or on the construction site are connected to the overarching system via the internet, so that all relevant data can be read both in-house and in the field.

The advantages of using isConstruct

- Use machines and materials efficiently with mobile handheld terminals.
- All material movements are recorded directly using mobile barcode terminals, whereupon they are stored in the merchandise management system's central database.
- Read the current status of situations and processes, directly from the mobile device.
- Improved use of resources.
- Connection to the existing ERP system (incl. Nevaris, Navision , SAP® etc.).
- No manual comparison of data from paper notes, resulting in fewer errors.
- **isConstruct** runs on all kinds of mobile devices (mobile barcode terminals, industry tablets, forklift terminals).

Use construction machinery and materials efficiently

A defect has been determined at the construction site. This is reported to the central system.

A photo of the problem is taken on-site and sent to the central system.

The problem is recorded in the central database and can be read anywhere.

isConstruct in use at one of our customers, Klebl Bau

Our services at a glance:

> Local or in field mobile data collection

Warehouse management solutions

Marking and barcode solutions

Wireless network technologies for companies

Individually adapted software solutions

RFID technologies

Dedicated Auto-ID service workshop and on-site service

Integer Solutions GmbH is a provider of IT products and solutions related to **marking, identification and tracking**. Our solutions accelerate existing company processes and bring more transparency to existing operations. From advising on programming and integration to training and services, we assist you in process optimisation.

As an IT system vendor for logistics solutions, Integer Solutions provides all technical components, from barcode scanners and mobile data collection terminals to interfaces that match the target system precisely to meet the customer's needs, as well as the right software.

Our solutions and products optimise, for example, processes in warehouse administration, production, callout transactions or events. This is based on mobile and stationary data collection solutions, such as barcode and marking solutions, which are integrated seamlessly into existing company processes with our software modules. We work together with the most renowned manufacturers on the market, such as Zebra, Honeywell, Datalogic etc. and we will gladly assist you in choosing the right device to match your needs.

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