

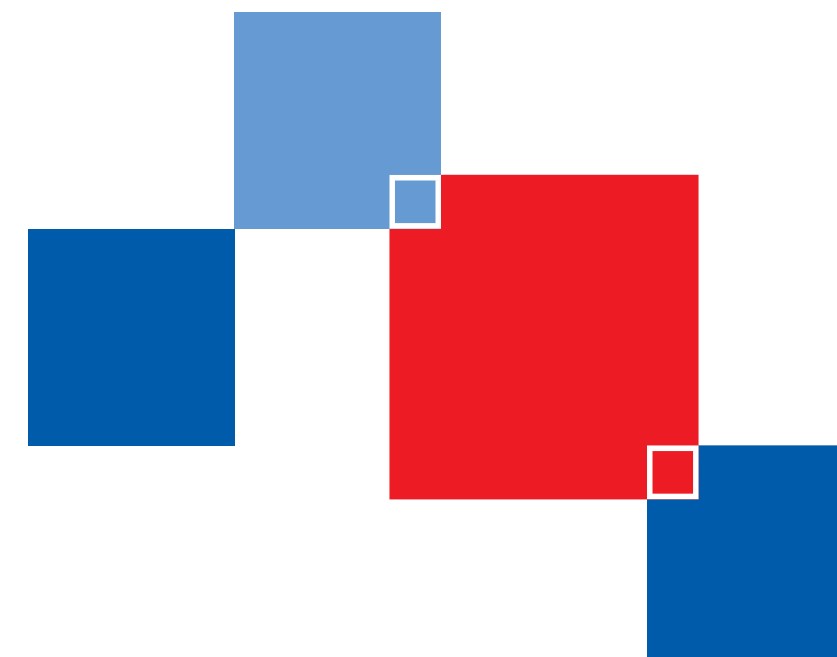


digitalizes your business processes.

The Warehouse Management System
by B&M DATAKEY

WE COMBINE

- ❖ **Over 30 Years of Market Experience**
- ❖ **8 Team Members**
- ❖ **17 Satisfied Maintenance Clients**
- ❖ **Over 50 Modules**
- ❖ **Over 300 Functions**
- ❖ **Customizable Standard Software**



Expertise. Guaranteed

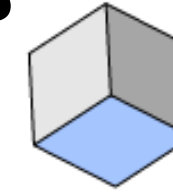
OUR CLIENTS



A Selection of Our Reference Clients

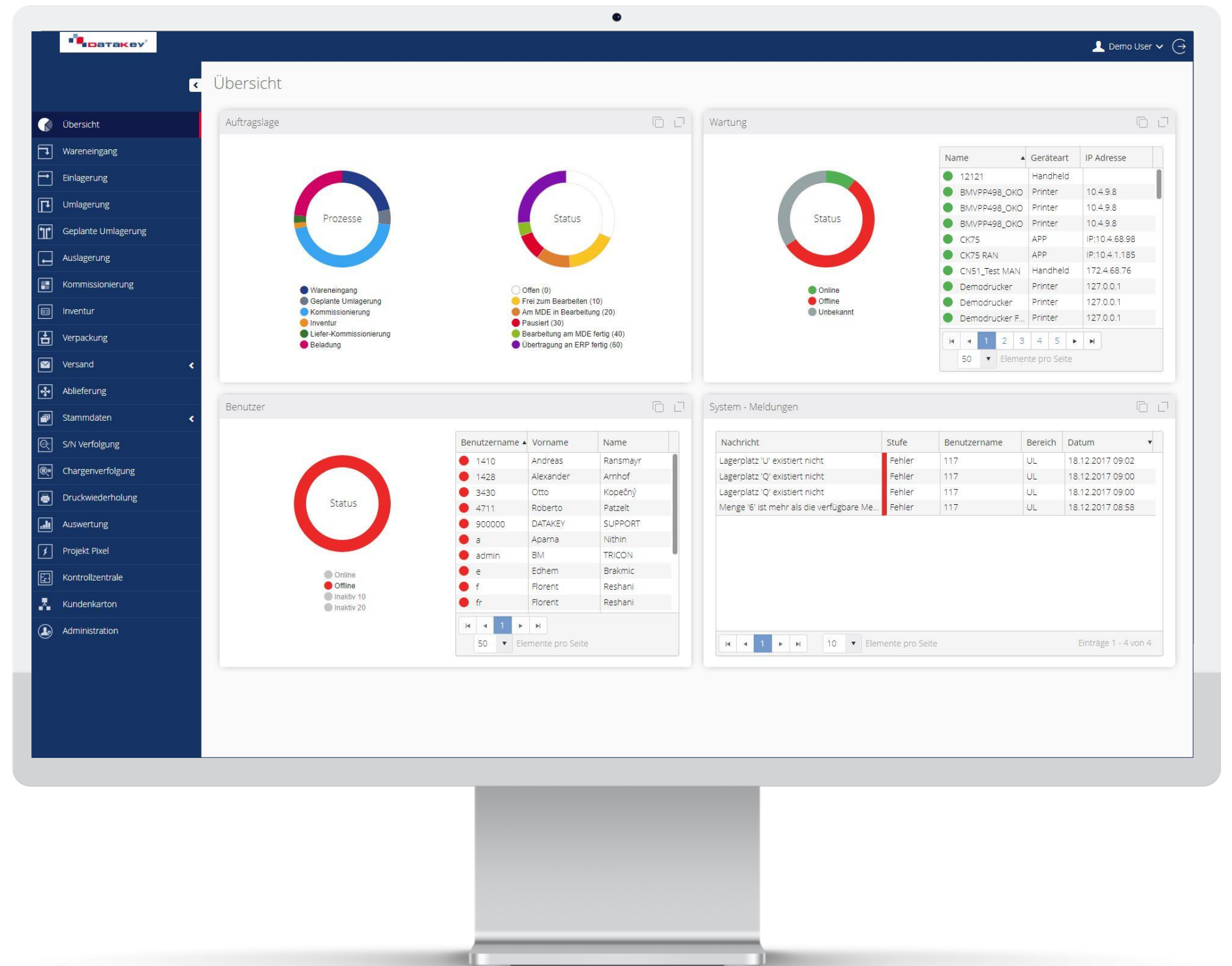
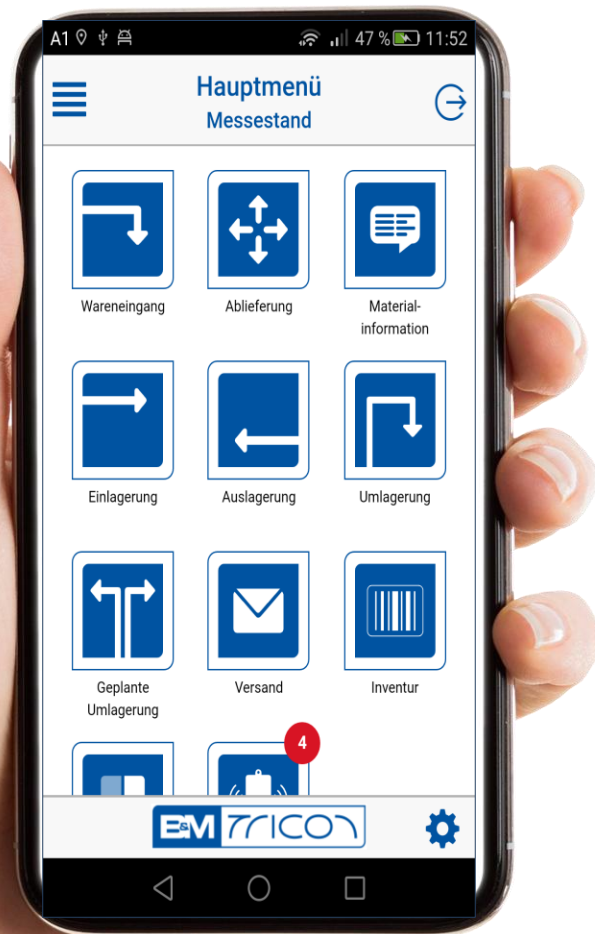
| | | | |
|---|--|---|---|
|  |  |  |  |
|  |  |  | <p>ZULTNER</p> |
|  |  |  |  |
|  |  | | |

Does This Sound Familiar?



- ❖ **Inventory Levels Are Inaccurate**
- ❖ **Inefficient Warehouse Processes**
- ❖ **Lack of Transparency in the Warehouse**
- ❖ **Misdeliveries: Wrong Goods or Quantities at the Customer**





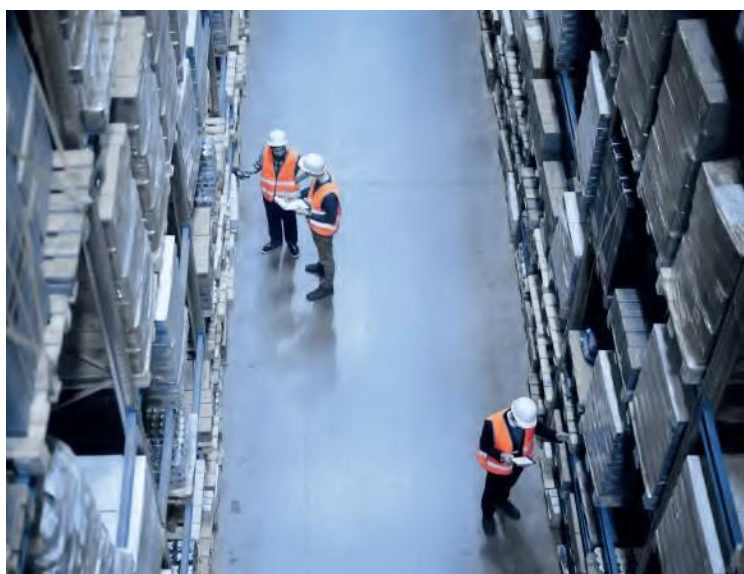
Future-Proof with DATAKEY® The WMS by B&M DATAKEY

The **Warehouse Management System DATAKEY®** is a modular standard software solution, with which you can efficiently manage, control and optimize your warehouse. B&M DATAKEY specializes as a provider of complete solutions in the optimization and digitalization of business processes and proactively prepares for tomorrow's market demands. DATAKEY® offers you warehouse management in both manual and automated warehouses for all logistics processes. For over 30 years, the in-house software department has been continuously developing the WMS, meeting the challenges of modern warehouses to best address individual customer requirements and to remain constantly up to date.



YOUR BENEFITS

- Intuitive and easy to use
- Easily scalable
- Traceability of your products
- Greater transparency and process reliability
- Quick to implement



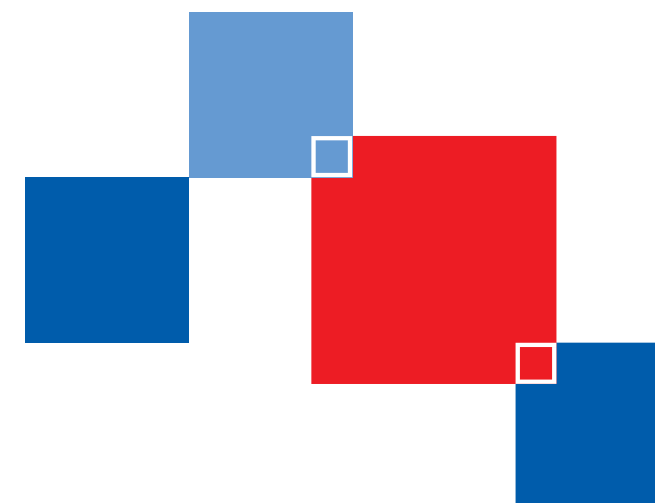
Standard Software with More Than 250 Functions



The future-oriented WMS by B&M DATAKEY encompasses a comprehensive **standard**, whose **functions** are continuously optimized and expanded and which permanently grows. More than 300 features have already been developed, all included in the standard and activatable on demand. Each module has its own features assigned, giving the customer the ability to manage workflow, functionality and user interface to configure them for their individual warehouse requirements.

HIGHLIGHTS

- Multi-Language Capability
- Multi-Client Capability
- Multi-Site Capability
- Hybrid Software
- Functionally Expandable
- Standard Interface



Expertise.
Guaranteed

The Modular Structure of Datakey® and All Options

DATAKEY® offers a **modular structure** consisting of **core modules**, which represent fundamental logistics processes, extensions of the core modules developed for specific processes or industries, and **standard strategies**, which facilitate warehouse operations and increase efficiency in your processes. The strategies are divided into put-away and retrieval strategies, as well as cross-process and cross-position strategies. Should customer requirements fall outside the standard, the requirements are reviewed and exclusive **Enterprise strategies** are developed.



CLIENTS

The Control Center is a web browser application for desktop PCs or mobile terminals and serves the management and monitoring of goods flow.

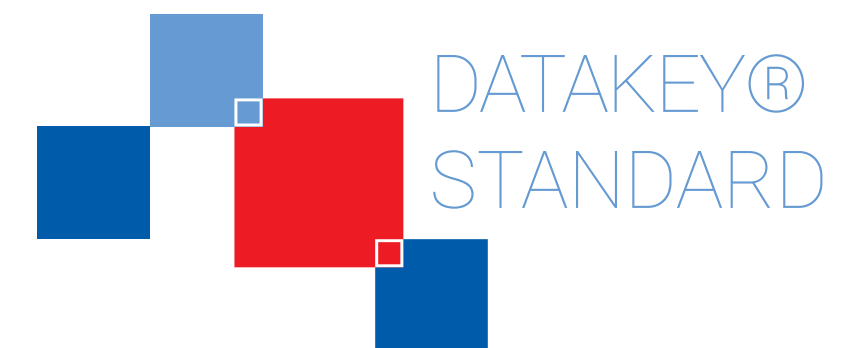
Mobile Android Clients (e.g. industrial handhelds, forklift terminals) and **mobile web clients** (smartphones, tablets) capture data on site and communicate via WLAN or WWAN with the DATAKEY® server and the ERP system.

DATAKEY.WEB.API

We offer you a REST API interface to DATAKEY®. Data exchange is done via JSON or XML. An external system (e.g. ERP system) thus has the ability to send data for all warehouse processes to DATAKEY® and subsequently read the processed data from DATAKEY®. Master data (e.g. articles, customers, suppliers, etc.) can also be sent to DATAKEY® and updated.

CORE MODULES

| | | | |
|----------------------|--------------|--------------------|--------------------|
| GOODS RECEIPT | PUT-AWAY | PLANNED RELOCATION | MATERIAL INFO |
| UNPLANNED RELOCATION | BIN TRANSFER | ORDER PICKING | HU ACTION |
| LOADING | RETRIEVAL | PACKAGING | EMPTIES MANAGEMENT |
| PRODUCT LABEL PRINT | INVENTORY | RETURNS MANAGEMENT | |



DATAKEY®
STANDARD

SPECIAL MODULES

| | | | |
|---------------------|---------------------|-----------------|------------------------|
| SSCC CREATION | RETURNS | DELIVERY | THM MOVEMENTS |
| QUALITY ASSURANCE | BRANCH RECEIPT | BRANCH DISPATCH | DISSOLVE SHIPPING UNIT |
| PHOTO DOCUMENTATION | DISPENSING | PRODUCTION | CROSS DOCKING |
| | OUTBOUND INSPECTION | SHIPPING | PARCEL CARRIER |

We specialize in the optimization and digitalization of your logistics processes



WAREHOUSE STRATEGIES

- Route Optimization
- Replenishment
- Order Splitting
- Prioritization
- Stock Reservation
- Hazardous Goods
- THM Movements
- ASRS Control

INVENTORY

- Physical Inventory
- Perpetual Inventory
- Zero-Passage Inventory

GOODS RECEIPT / PUT-AWAY

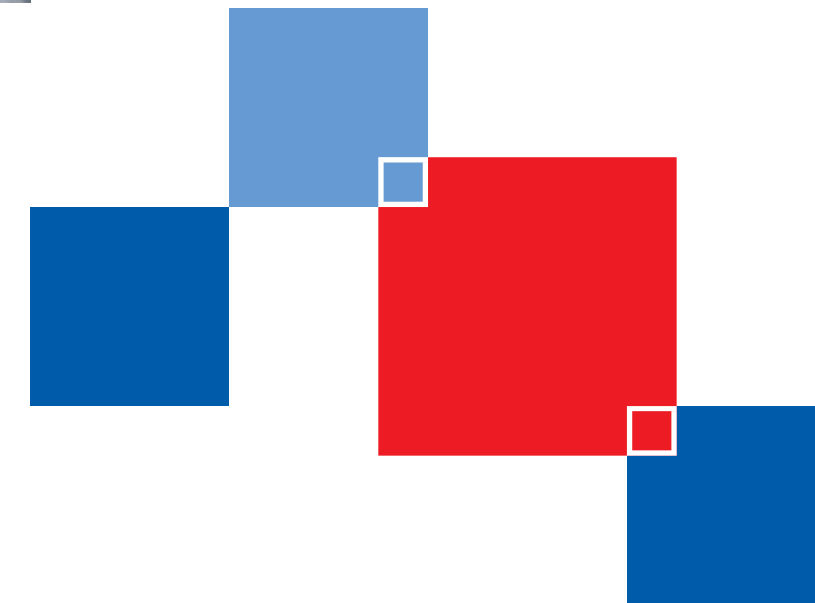
- Goods Recording
- Labeling per GS1 Barcodes
- 2-Stage Goods Receipt
- Put-Away Strategies
- Branch Receipt
- Batch and BBD Recording
- Serial Number Recording
- Returns Management
- Dissolve Shipping Unit
- Quality Assurance
- Cross-Picking
- Cross Docking
- PHOTO Documentation

GOODS DISPATCH / RETRIEVAL

- Order Picking
- Packaging
- Loading
- Weight Recording
- Existence Check
- Retrieval Strategies
- Branch Dispatch
- Delivery
- Route Optimization
- CO2 Calculation
- Empties Management
- CEP Integration
- Outbound Inspection

ADMINISTRATION/CONTROL CENTER

- Various Storage Types
- User Roles
- Multi-Client/Site Capability
- Master Data Management
- Serial Number Management
- User Pick Logging
- User Reports
- Utilization Analysis
- Operational Data Collection
- 2D Warehouse Visualization
- Notifications to Mobile Users
- Interruption Order
- Goods Dispensing to Customer



3 Reasons Why You Should Choose DATAKEY®:

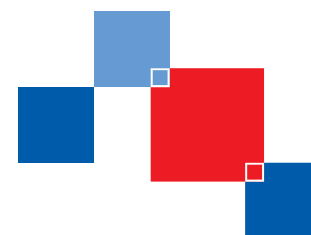
- FLEXIBLE FOR THE FUTURE**
 We guarantee you future-proofing. Our solutions are always forward-looking, at the latest technological standard and flexible. That is why DATAKEY® is also a hybrid software and functionally scalable.
- KNOW-HOW**
 For over 30 years, our software solution has been continuously developed. With new ideas and the requirements of our customers, it keeps growing. We specialize in digitalizing and optimizing your business processes and thus have a solution ready even for the most specialized customer requests.
- COMPLEX, YET SIMPLE**
 Our strategies and functions help you manage, control and optimize your warehouse efficiently. The design of modern warehouse structures often borders on a high degree of complexity, which is why DATAKEY® is designed to be appealing and simple for the user.



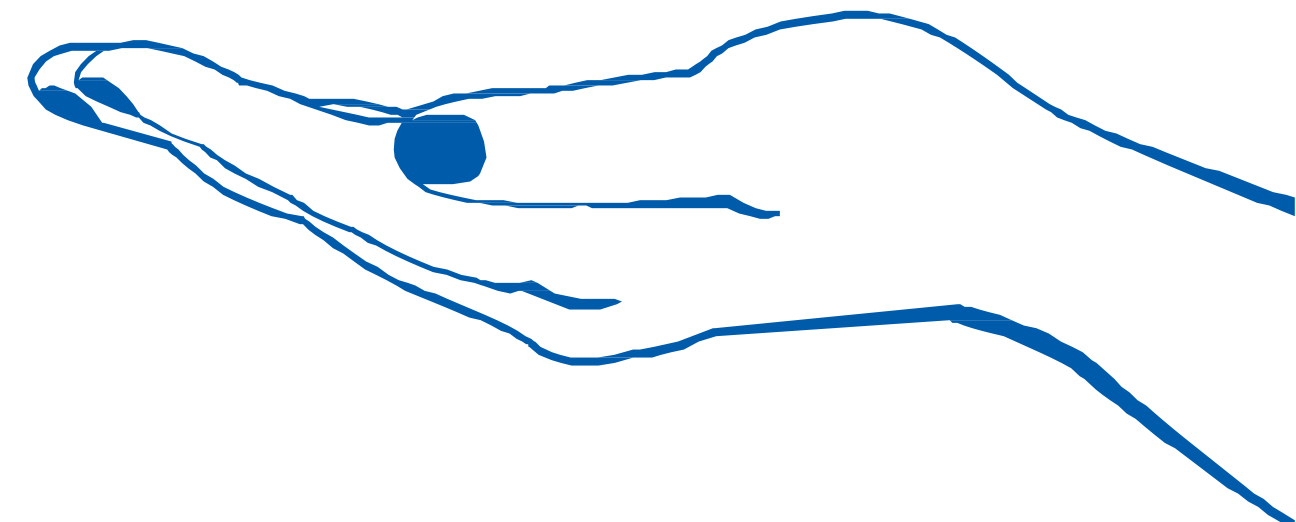
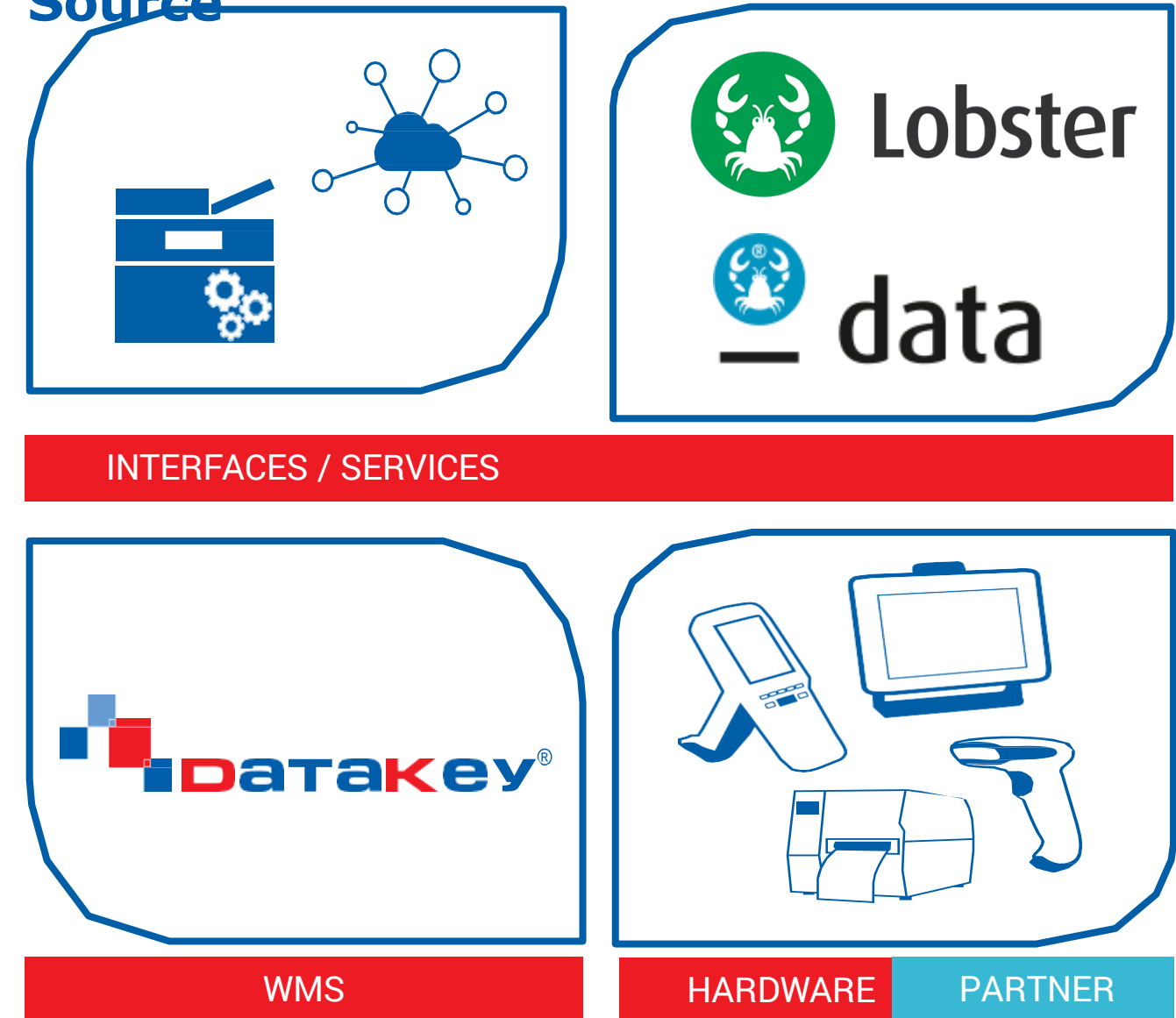
CUSTOMER TESTIMONIAL

»Through the intensive collaboration with B&M DATAKEY and with the introduction of DATAKEY® we were able to achieve all our set goals. Higher effectiveness in order picking, significant reduction of stock discrepancies and packing errors. And today, nobody searches for goods in the warehouse anymore, they are always where DATAKEY® tells us...«

Logistics Manager | Paint and Coatings Industry



B&M DATAKEY Offers You Everything from a Single Source

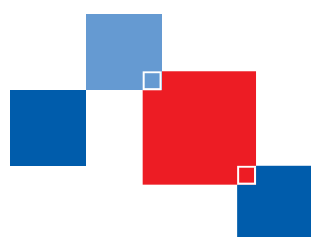
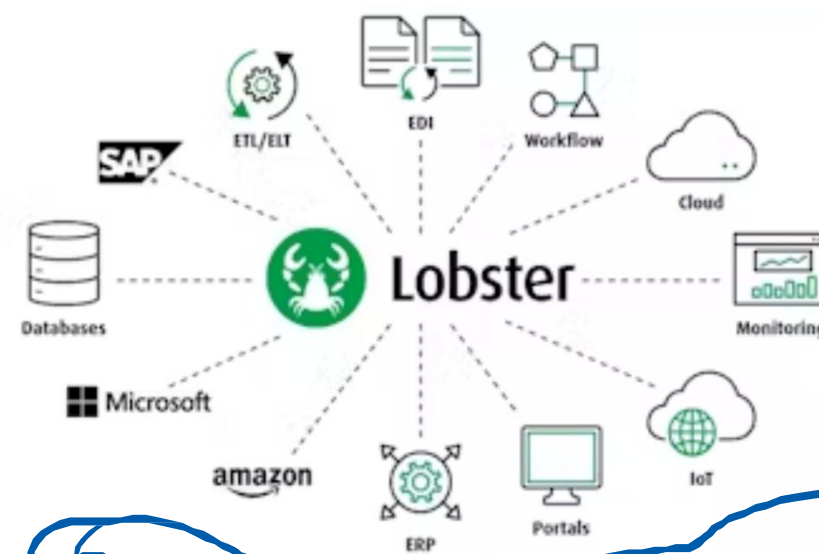
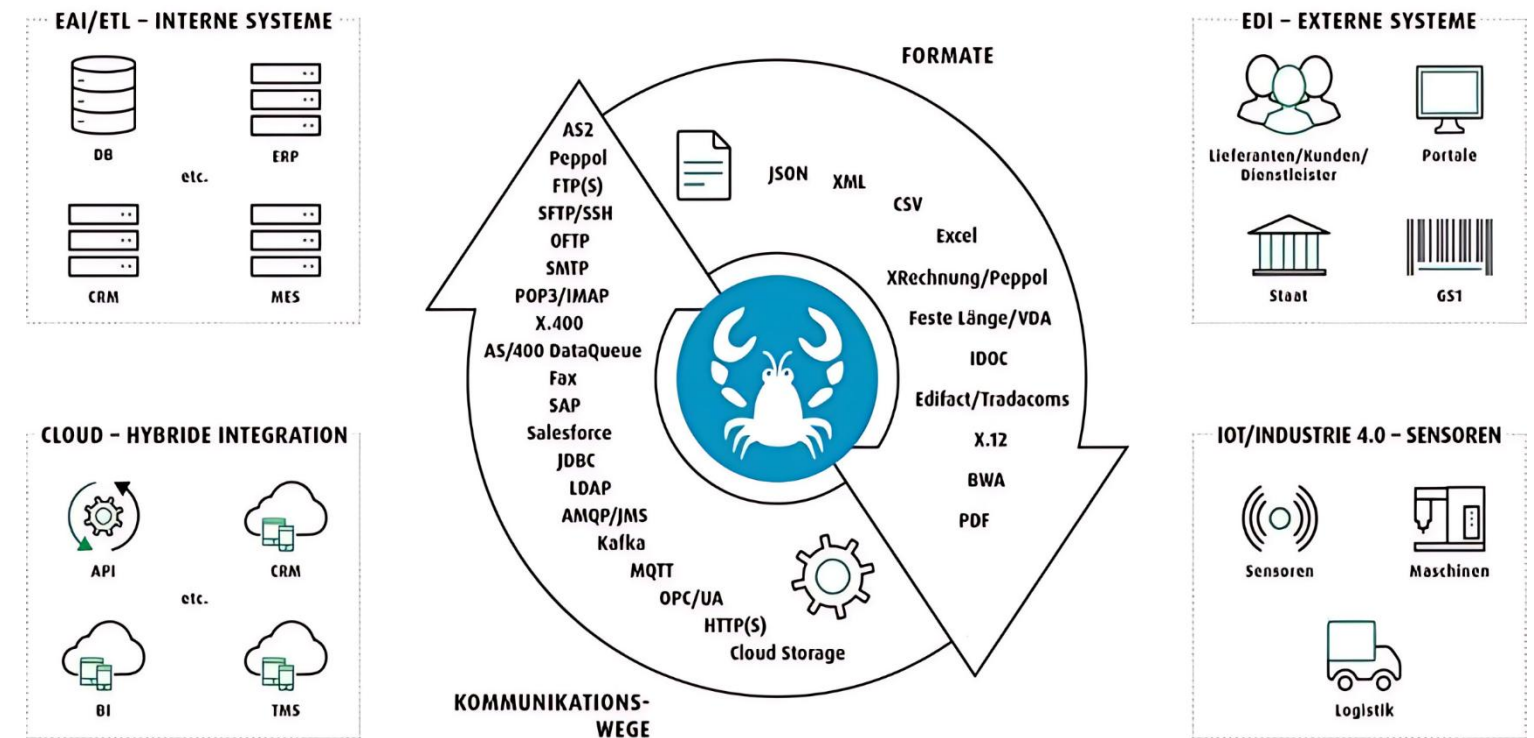


Partners for



- As a proud partner of Lobster, we at B&M DATAKEY GmbH offer you the powerful **data integration platform** Lobster_data directly.
- Simplify your **data exchange** (EDI, EAI, MFT) and optimize your **business processes**. We not only deliver the software – we also actively support you during implementation. Especially for complex mapping tasks, our experienced team provides you with well-founded assistance.
- Our specialty: **Tailor-made mappings**. We ensure that your data arrives exactly where it is needed – in the right format. Rely on our expertise to successfully implement your integration projects.
- Benefit from our expertise and get the most out of Lobster_data.

B&M DATAKEY Offers You Everything from a Single Source



Wareneingang

RBV 






 Standardlayout 
















































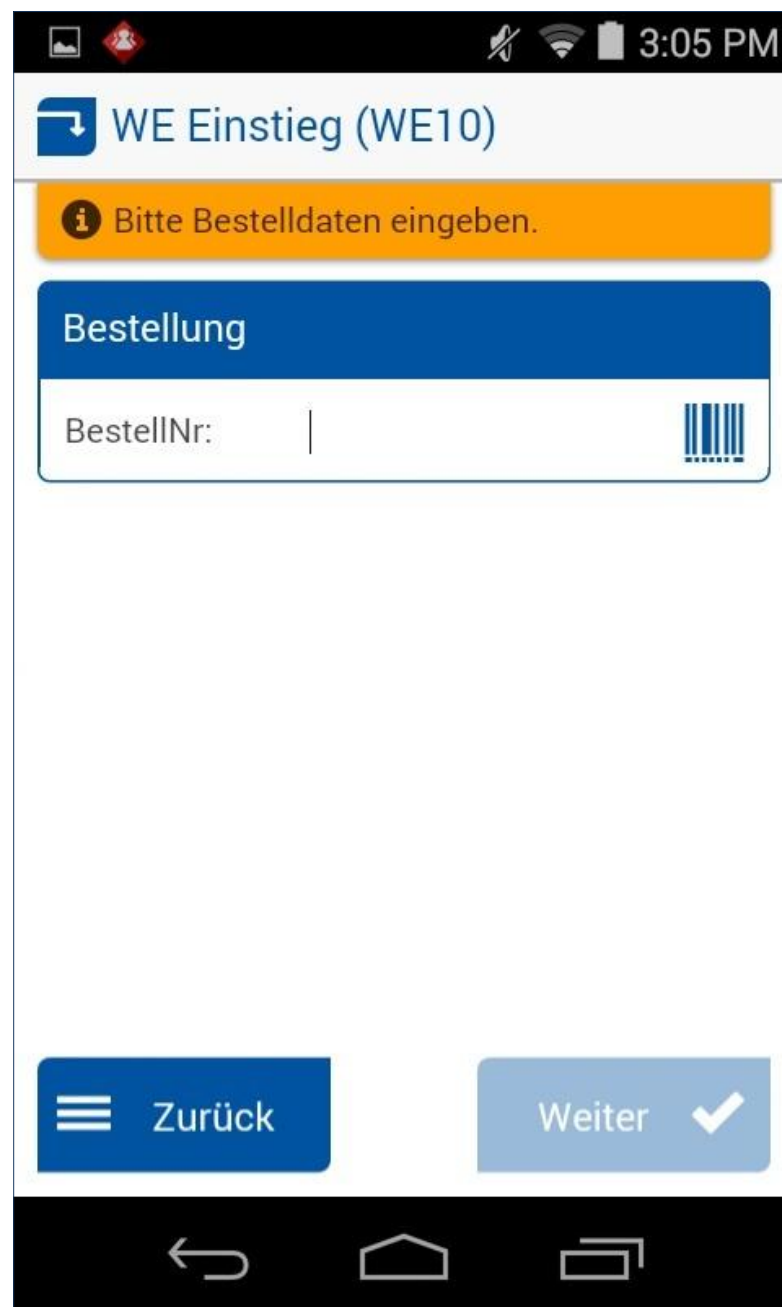

KOPF

Ziehen Sie eine Spaltenüberschrift hierher, um nach dieser Spalte zu gruppieren

| | Bestell Kopf Id | Mandant Id | Bestell Nummer | Bestell Typ | Lieferbedingu... | Bestell Datum | Lieferschein N... | Lieferschein D... | Lieferant Num... | Lieferant Name |
|---|-----------------|------------|----------------|-------------|------------------|---------------------|-------------------|---------------------|------------------|------------------------|
|  | 117 | RBV | 20001000 | BE | | 21.04.2017 00:00:00 | | | 0815 | BM TRICON |
|  | 118 | RBV | 20170203 | BE | | 02.03.2017 00:00:00 | | | 0815 | BM TRICON |
|  | 130 | RBV | 2017742301 | VB | 12 | 08.07.2017 01:44:00 | | | 04001 | Dierig Christian Gm... |
|  | 152 | RBV | 2017704803 | VB | 14 | 08.03.2017 01:42:00 | | | 02118 | Bergner M/S (HK)Ltd. |
|  | 155 | RBV | 2017701697 | VB | 14 | 28.02.2017 01:41:00 | 123 | | 02118 | Bergner M/S (HK)Ltd. |
|  | 156 | RBV | 20002000 | BE | | 21.04.2017 00:00:00 | 258 | | 0815 | BM TRICON |
|  | 162 | RBV | 1234 | KB | 14 | 31.05.2017 01:43:00 | D | | 24023 | Vossen |
|  | 165 | RBV | 2017714621 | KB | 14 | 05.04.2017 01:43:00 | 12345 | | 11059 | Kaepfel Adam GmbH |
|  | 167 | RBV | 2016606387 | LG | 12 | 10.06.2016 02:43:00 | | | 02188 | Brunswick S.A |
|  | 168 | RBV | 2016621141 | LG | 12 | 23.07.2016 02:45:00 | 555 | | 02188 | Brunswick S.A |
|  | 174 | RBV | 2016650963 | VB | 14 | 15.10.2016 02:47:00 | | | 16137 | Paptex |
|  | 176 | RBV | 20177290224 | LG | 23 | 25.05.2017 01:42:00 | opa | | 08121 | Hellatex Textil Ges... |
|  | 177 | RBV | 0000000000 | IN | 31 | 23.10.2017 08:57:00 | | | 50024 | Reiter GST |
|  | 182 | RBV | 2017733957 | VB | | 10.06.2017 01:45:00 | 33221 | | 04001 | Dierig Christian Gm... |
|  | 183 | RBV | 2017733957 | VB | | 10.06.2017 01:45:00 | 6655 | | 04001 | Dierig Christian Gm... |
|  | 184 | RBV | 123 | LG | 23 | 25.05.2017 01:42:00 | | | 08121 | Hellatex Textil Ges... |
|  | 185 | RBV | 555 | LG | 29 | 10.09.2017 02:24:00 | A | | 12004 | Leha Vorhangschien... |
|  | 191 | RBV | 27 | CD | 23 | 18.11.2017 16:23:09 | 27 | 18.11.2017 16:23:09 | 12 | ZEN LEO Reiter Gm... 1 |
|  | 192 | RBV | 2017760999 | LG | 29 | 10.09.2017 02:24:00 | | | 12004 | Leha Vorhangschien... |
|  | 193 | RBV | 2017729022 | LG | 23 | 25.05.2017 01:42:00 | 585 | | 08121 | Hellatex Textil Ges... |
|  | 194 | RBV | 999 | LG | 23 | 25.05.2017 01:42:00 | | | 08121 | Hellatex Textil Ges... |

-  Übersicht
-  Wareneingang
-  Einlagerung
-  Umlagerung
-  Geplante Umlagerung
-  Auslagerung
-  Kommissionierung
-  Inventur
-  Verpackung
-  Versand
-  Ablieferung
-  Stammdaten
-  S/N Verfolgung
-  Chargenverfolgung
-  Druckwiederholung
-  Auswertung
-  Projekt Pixel
-  Kontrollzentrale
-  Kundenkarton
-  Administration

An example of this is GOODS RECEIPT.



Here you load the order onto your mobile device



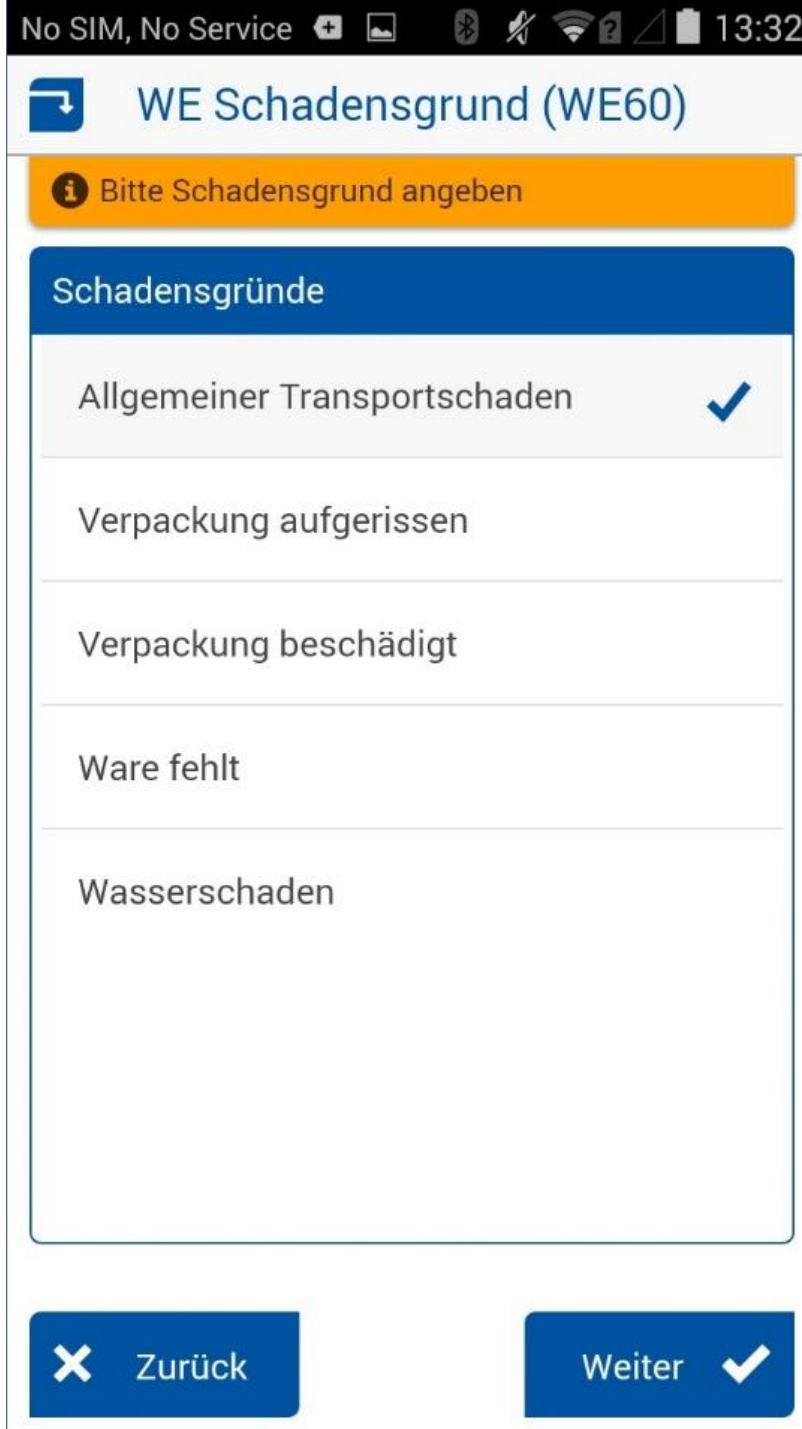
View of order and item



Detailed view of item

For example in GOODS RECEIPT

Recording of Damages



No SIM, No Service 13:32

WE Schadensgrund (WE60)

Bitte Schadensgrund angeben

Schadensgründe

- Allgemeiner Transportschaden ✓
- Verpackung aufgerissen
- Verpackung beschädigt
- Ware fehlt
- Wasserschaden

Zurück Weiter

Select
damage reasons



No SIM, No Service 13:33

WE Foto übernehmen (WE80)





Löschen Buchen

Take
damage photo

An example of this is order picking.

KO Komm. Positionen (KO30) 📄 🔍 🔄

Offen (2) Erledigt (0)

| | | |
|--|--|---------|
|  | 100524 BUDWEISER B:Original KI 20x0,50 BUDWEISER B:Original KI 20x0,50 HA07 HA07 | 0/15 KI |
|  | 30130 Vöslauer Prickelnd KI MW 12x0,75L VÖSLAUER Prickelnd KI 12x0,75 HA08 HA08 | 0/20 KI |

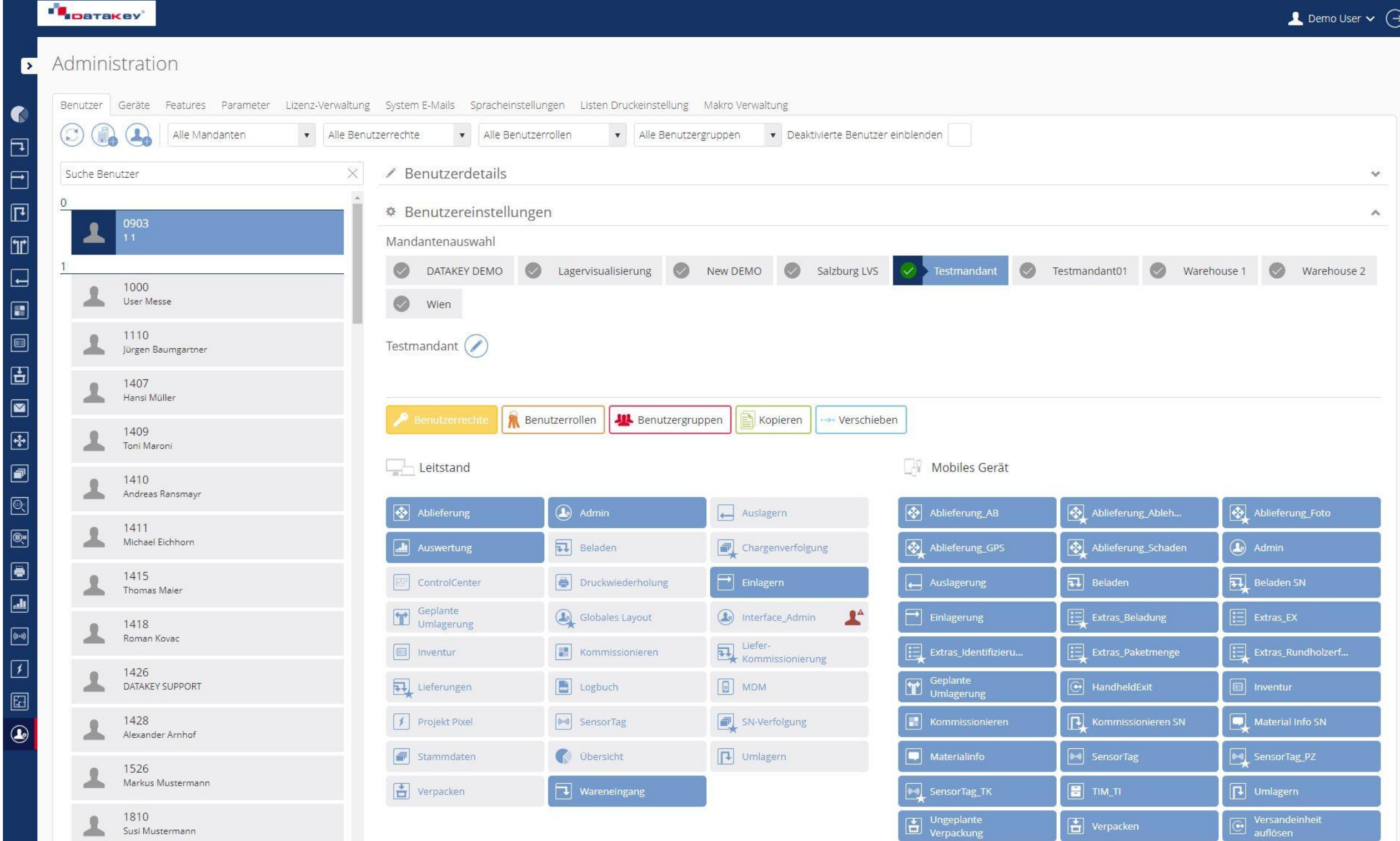
Kunde1

Kunde2

NVE / Produktetikett: 100524 📄

✕ Beenden ☰ Weiter ✓

Example: Management of users and their access rights



The screenshot displays the 'Administration' section of the Datakey system, specifically the 'Benutzer' (Users) management page. The interface is organized into several key areas:

- Navigation and Search:** At the top, there are tabs for 'Benutzer', 'Geräte', 'Features', 'Parameter', 'Lizenz-Verwaltung', 'System E-Mails', 'Spracheinstellungen', 'Listen Druckeinstellung', and 'Makro Verwaltung'. Below these are filters for 'Alle Mandanten', 'Alle Benutzerrechte', 'Alle Benutzerrollen', and 'Alle Benutzergruppen', along with a checkbox for 'Deaktivierte Benutzer einblenden'. A search bar labeled 'Suche Benutzer' is also present.
- User List:** A vertical list on the left shows user profiles with their IDs and names:
 - 0903 11 (Selected)
 - 1000 User Messe
 - 1110 Jürgen Baumgartner
 - 1407 Hansi Müller
 - 1409 Toni Maroni
 - 1410 Andreas Ransmayr
 - 1411 Michael Eichhorn
 - 1415 Thomas Maier
 - 1418 Roman Kovac
 - 1426 DATAKEY SUPPORT
 - 1428 Alexander Arnhof
 - 1526 Markus Mustermann
 - 1810 Susi Mustermann
- User Details and Settings:** The main area is titled 'Benutzerdetails' and 'Benutzereinstellungen'. It includes a 'Mandantenauswahl' (Tenant Selection) section with radio buttons for various tenants: DATAKEY DEMO, Lagervisualisierung, New DEMO, Salzburg LVS, **Testmandant** (selected), Testmandant01, Warehouse 1, and Warehouse 2. Below this, there are action buttons for 'Benutzerrechte', 'Benutzerrollen', 'Benutzergruppen', 'Kopieren', and 'Verschieben'.
- Access Rights Configuration:** Two columns of buttons represent access rights for different device types:
 - Leitstand (Control Room):** Includes buttons for Ablieferung, Admin, Auslagern, Auswertung, Beladen, Chargenverfolgung, ControlCenter, Druckwiederholung, Einlagern, Geplante Umlagerung, Globales Layout, Interface_Admin, Inventur, Kommissionieren, Liefer-Kommissionierung, Lieferungen, Logbuch, MDM, Projekt Pixel, SensorTag, SN-Verfolgung, Stammdaten, Übersicht, Umlagern, and Verpacken.
 - Mobiles Gerät (Mobile Device):** Includes buttons for Ablieferung_AB, Ablieferung_Ableh..., Ablieferung_Foto, Ablieferung_GPS, Ablieferung_Schaden, Admin, Auslagerung, Beladen, Beladen SN, Einlagerung, Extras_Beladung, Extras_EX, Extras_Identifizieru..., Extras_Paketmenge, Extras_Rundholzer..., Geplante Umlagerung, HandheldExit, Inventur, Kommissionieren, Kommissionieren SN, Material Info SN, Materialinfo, SensorTag, SensorTag_PZ, SensorTag_TK, TIM_TI, Umlagern, Ungeplante Verpackung, Verpacken, and Versandeinheit auflösen.

6 STEPS TO SUCCESS WITH DATAKEY[®] WMS

Paid Workshop

1.



Commissioning

3.



Concept

5.



2.

Test Operation



4.

Implementation

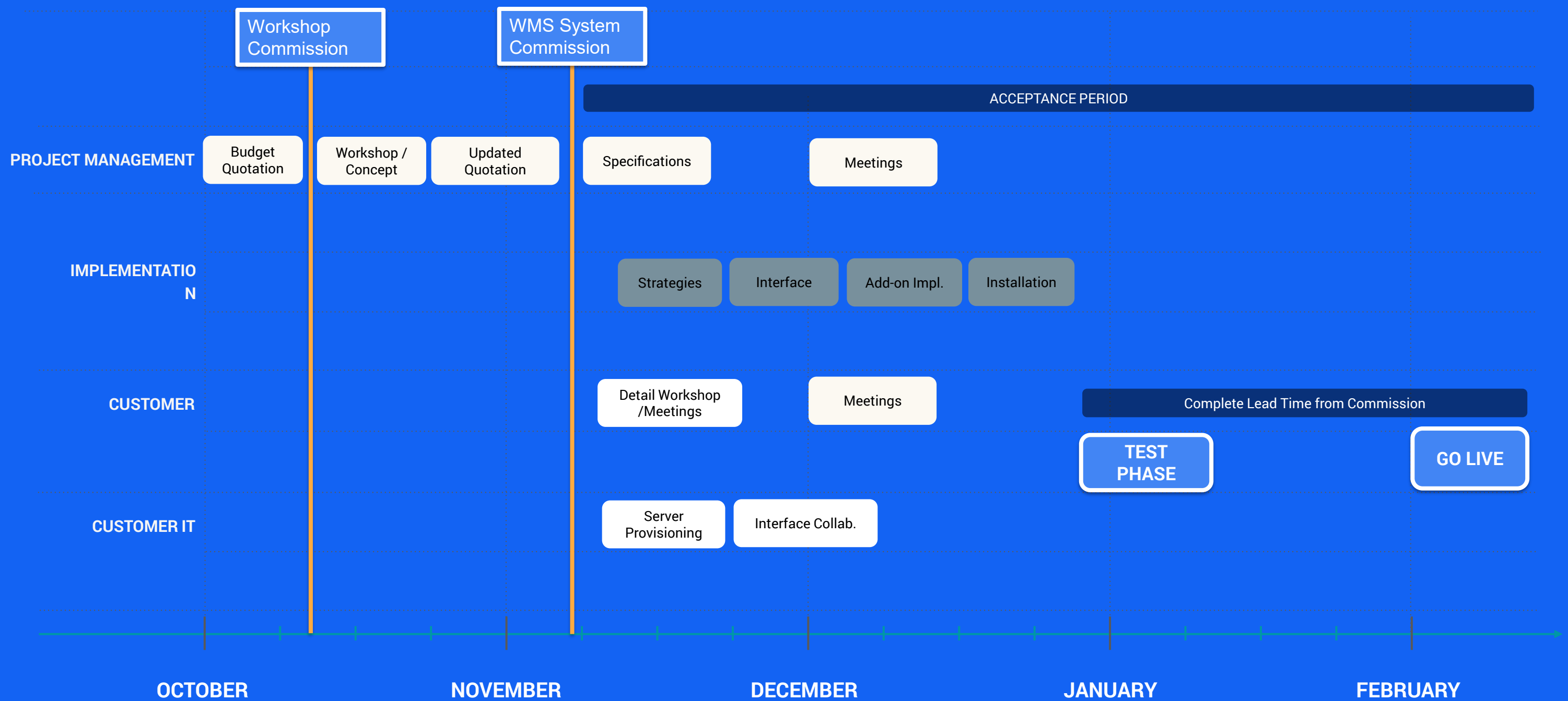


6.

GO LIVE



Typical ROADMAP of a Project





AUSTRIA

B&M DATAKEY GMBH | ANTON-BAUMGARTNER-STR.125
/ 2a /B202 | 1230 VIENNA

Office : +43 (0) 1 963 00 72
office@bm-datakey.com

<https://bm-datakey.com>