Logistics-as-a-Service

Company Presentation

Agenda

About us

Bitergo offers comprehensive software solutions and consulting services in the field of logistics. Our focus is on **Warehouse Management** and **Real-time Visibility**.

Bitergo became part of DB Schenker in May 2022.
DB Schenker and Bitergo have been working closely together since 2019.
With the launch of the **Bitergo WMS - Warehouse Star** and **Bitergo RTV – connect2track**, we have laid the foundation of our vision:
The development of a **digital end-to-end supply chain logistics ecosystem.**

Portfolio

Bitergo WMS

Warehouse Star

Cloud Software for the supply chain

Bitergo RTV

connect2track

Ensure shipment monitoring and condition control with confidence.

Bitergo WMS – Warehouse Star

Warehouse Star

Cloud Software for Warehouse Management

- Ready to go within a few days
- Ready for future: Grows with your needs
- Server located in Germany
- Free 30 days trial

WAREINGANG

More Efficiency, more Productivity

The Bitergo WMS – Warehouse Star improves efficiency and productivity in your warehouse.
Because Warehouse Star digitalises the entire process in the warehouse.

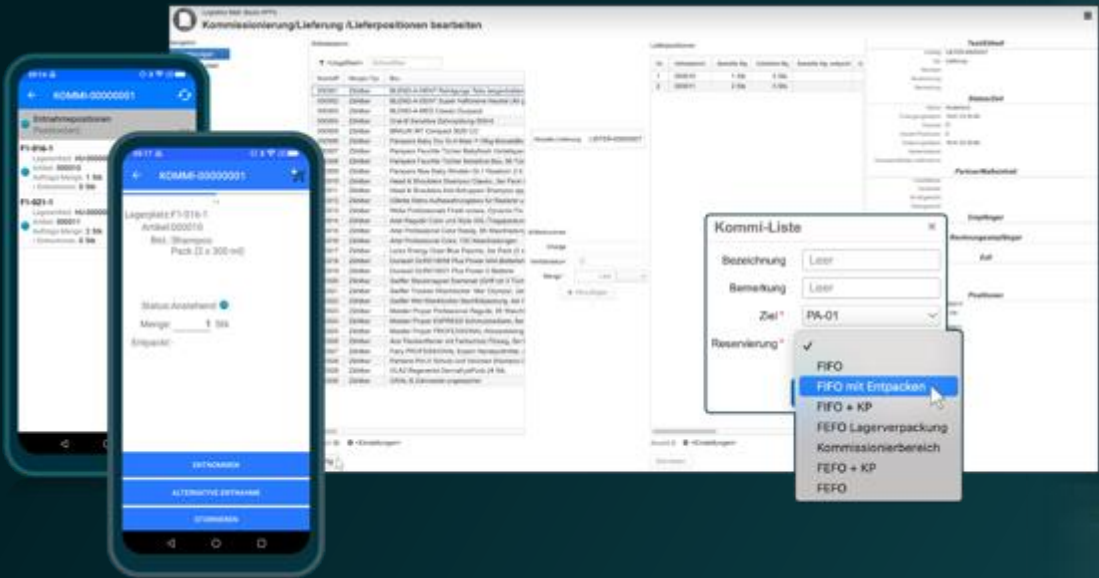| Incoming Goods | Storage | Repacking | Picking | Stock Management |
| Real-time Withdrawal | Pick and Pack | Outgoing Goods | Inventory Counting | Warehouse Optimization |

Bitergo WMS – Warehouse Star

warehouse management

Become productive quickly and easily

With Warehouse Star, you can digitise your entire warehouse in just a few days. This makes Warehouse Star particularly attractive for start-ups and small and medium-sized enterprises.

Developed for daily Practice

We develop Warehouse Star together with professional partners from the supply chain industry and renowned research institutes. You benefit from this in daily use and in the strategic development of your supply chain.

Grows with you

Interfaces to common e-commerce platforms and ERP systems ensure smooth workflows. Our modular app ecosystem maps your requirements, even if you scale quickly.

Partner Network for special Challenges

We greatly value the cooperation with our customers and partners such as NIMMSTA, DB Schenker and others. It guarantees that we also map future requirements intelligently and practically.

Bitergo WMS – Warehouse Star
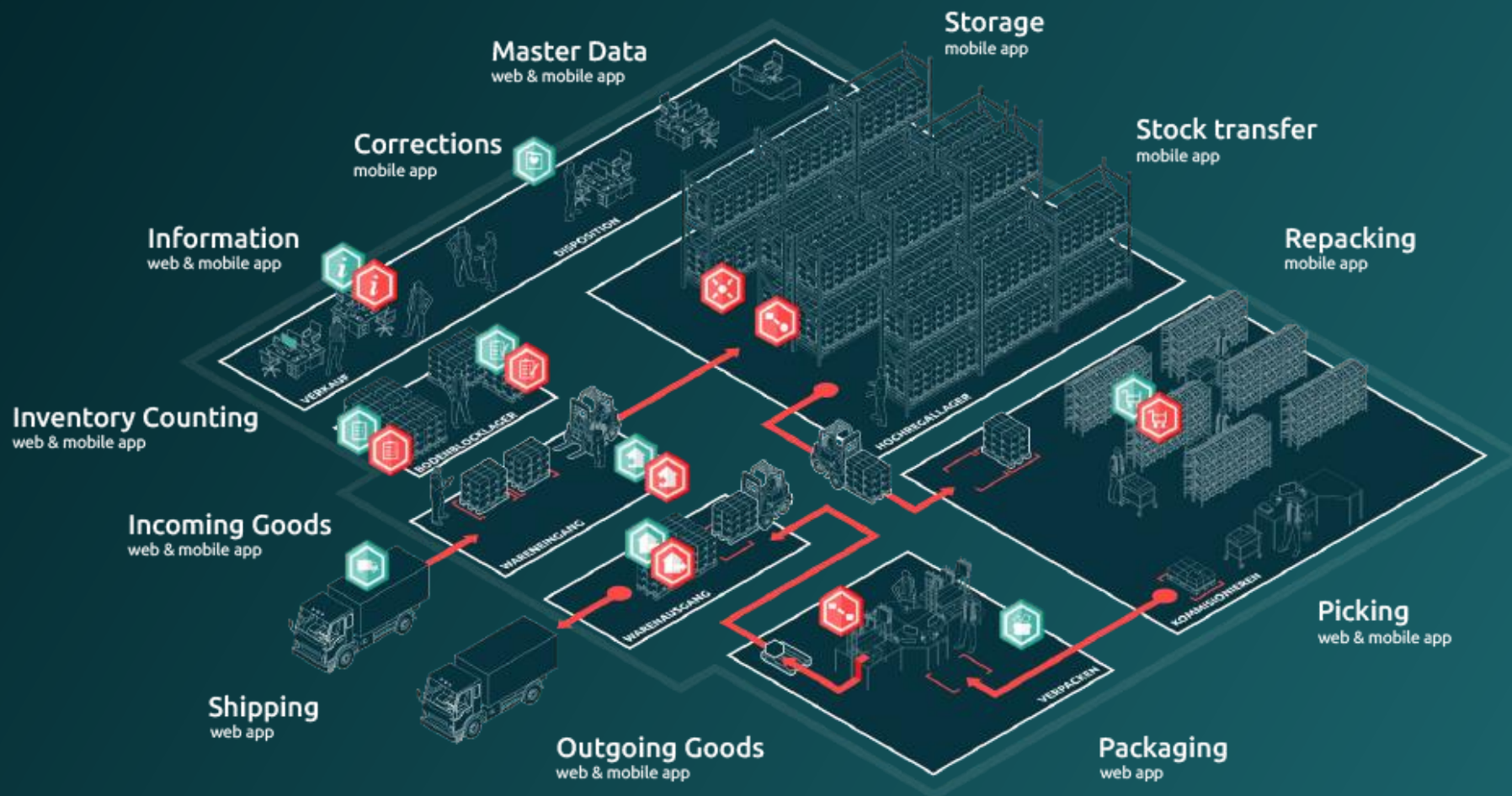
warehouse management

Bitergo WMS – Warehouse Star consists of flexible, interconnected apps with ergonomic user interaces for mobile devices and for the web browser.

Main Functions

- Batch management
- Serial number management
- Best before dates integration
- Replenishment management
- Cross Dock
- Multi-client capability
- Load support management
- Value Added Services
- Individually definable packaging
- Master data import via Excel
- Open interface via REST-API

Additional Functions

- Multiple warehouse capability
- Multi-depth storage
- SAP and EDI connection
- Forklift control system
- Vendor Managed Inventory
- Customs

Bitergo WMS – Warehouse Star

Master Data
Web & Mobile App

Gain complete visibility into your warehouse! The **Master Data App** ensures accurate, comprehensive, and precise representation of master data in your Warehouse Management System.

Order Picking
Web & Mobile App

Eliminate the most common reasons for complaints: With the **Order Picking App**, you ensure the quality of your picked deliveries while simultaneously accelerating the picking process.

Incoming Goods
Web & Mobile App

Take control of the rush hour at the reception of your goods: With the **Incoming Goods App**, you won't keep drivers and suppliers waiting unnecessarily, ensuring a smooth flow at the loading docks.

Storage
Mobile App

Optimize the receipt of your goods and revolutionize your warehouse management: The **Storage App** ensures that delivered goods find their designated storage space efficiently and precisely.

Bitergo WMS – Warehouse Star

Stock Transfer
Mobile App

No chaos after rearranging: There can be various reasons for relocating goods. With the **Stock Transfer App**, the storage locations in your Warehouse Management System stay up-to-date and transparent.

Packaging
Web App

The **Web App Packaging** revolutionizes your logistics processes. Benefit from precise and time-saving packaging for error-free outbound operations.

Repacking
Mobile App

Maximize your warehouse space with our **Mobile App Repacking**.

Outgoing Goods
Web & Mobile App

No backlog in goods dispatch: Goods can leave the warehouse on time, as the required documentation is swiftly and flexibly handled with the **Outgoing Goods App.**

Bitergo WMS – Warehouse Star

warehouse management

Shipping
Web App

Say goodbye to long waiting times: With the **Web App Shipping**, packed goods leave your warehouse in the blink of an eye.

Corrections
Mobile App

With the **Corrections App**, you always have a clear view of current warehouse changes and receive real-time updates through your Warehouse Management System.

Inventory Counting
Web & Mobile App

Transparency, security, and a precise planning foundation: With the Inventory Counting app, the tedious inventory process will no longer be a hassle.

Information
Web & Mobile App

Have you ever experienced the frustrating uncertainty of unclear stock levels? The costly time spent in the warehouse just to locate an item. We understand your challenges and have the perfect solution for you! With the **Web & Mobile App Information**, you always have the article stocks and booking data of your warehouse at your fingertips - whether in the office, in the warehouse, or on the go!
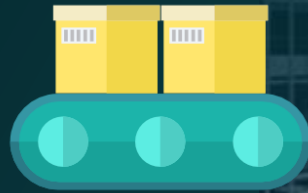
Bitergo Warehouse Automation

warehouse management

Our Products optimize your Materials and Time Management

Warehouse Management & Distribution

This module takes care of the coordination of all material movements – from incoming goods to outgoing goods.

Material Flow Computer

This controls the shipments in the automated material handling areas of large systems with a high degree of reliability, and ensures continuous optimisation of all shipments.

Production Control & Logistics

This module organises the internal material flow in such a way that the chronological sequence of the work processes is adhered to without disruption through the supply of materials and resources.

Large display

Large displays are used in production and logistics areas. They serve to provide the workers on site with quick information over large distances. Large displays have no control elements, but are controlled by external events from the server.

Bitergo RTV – connect2track

real-time visibility

Ensure shipment monitoring and condition control with confidence:

With connect2track, you have full transparency over all movements in your Supply Chain.

Seamless Visibility

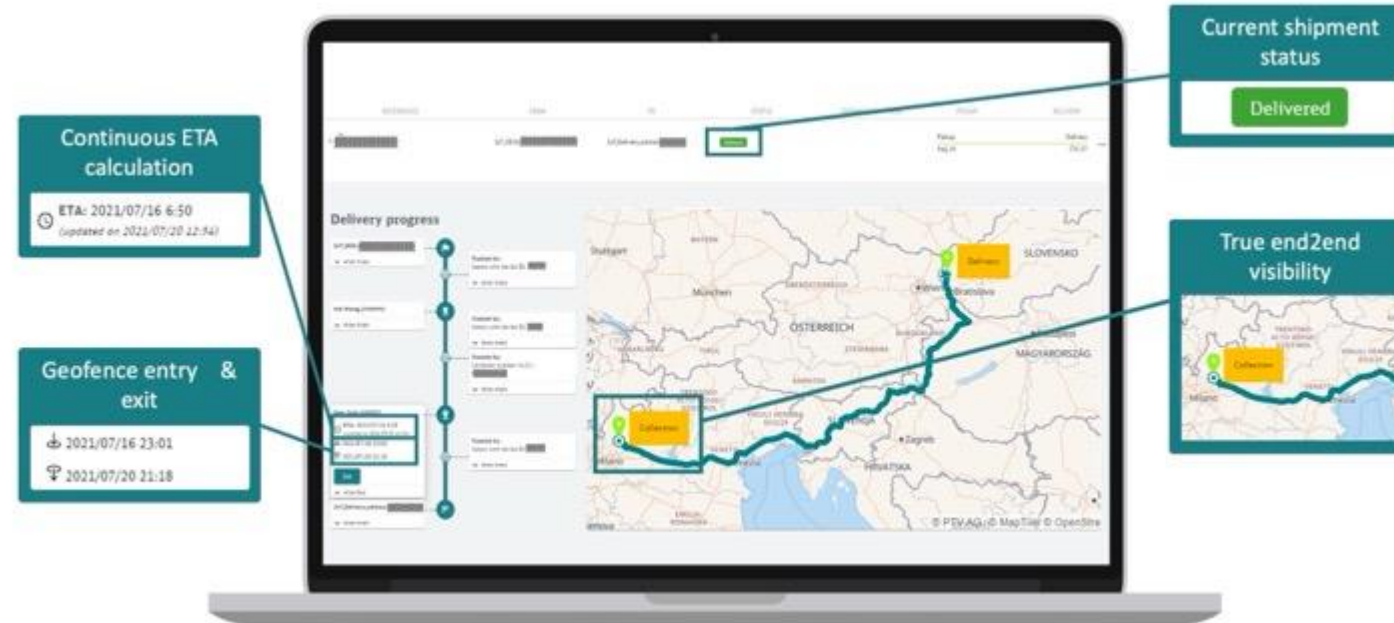Live-Tracking of Deliveries

Transparent state of Deliveries

Enhanced Security

Optimal technical Equipment

connect2track – Your Benefits

Seamless Visibility

24/7 availability of tracking data along the supply chain. Combination of different data sources such as onboard units, IoT devices or vehicle position in a seamless overview.
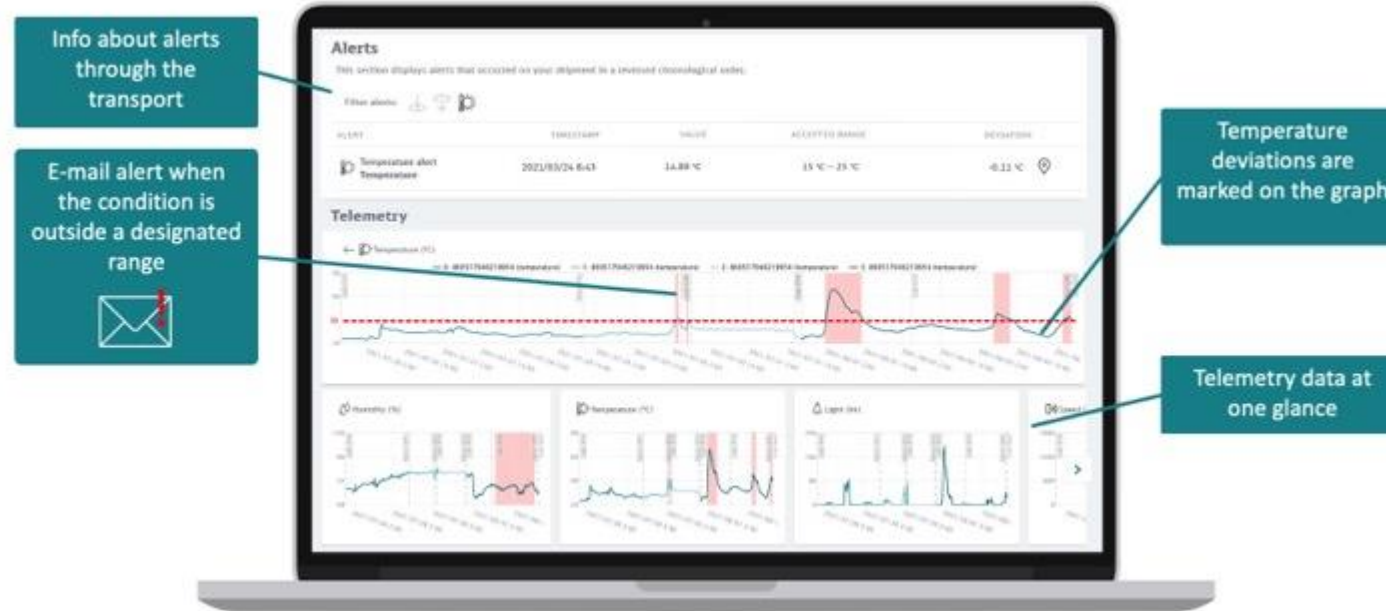
Live-Tracking of Deliveries

Keep an eye on the exact locations of your consignments in real time and receive an estimated time of arrival at the destination. Benefit from automatic, location-based notifications.

Transparent State of Deliveries

Use condition monitoring for sensitive and valuable goods. The current transport conditions such as temperature, humidity and mechanical stress can be called up at any time.

connect2track – Your Benefits

real-time visibility

Enhanced Security:

Meet the highest standards with live tracking and monitoring of container doors using light sensors, including automated alarm notifications. Transport damage-prone, valuable and particularly theft-prone goods safely to their destination.

Optimal technical Equipment

Receive tracking devices from us that exactly match your requirements. We take care of the provision and integration of the appropriate devices.

connect2track – Functions and Features

real-time visibility

Location Tracking

See at any time where your delivery is located.

Allround-Tracking Device

The V-Type Tracking Device is a flexible, multifunctional tracking device. It manages a variety of sensor data such as location, temperature, humidity, light, shocks and door openings – ideally suited for a wide range of transport applications including pharmaceuticals (3-point calibration). It is easy to install and recyclable.

Condition Monitoring

Keep an eye on the condition of the goods. Settings and sensors can be customised. Monitoring is carried out using telemetric data such as temperature, humidity and vibrations.

Alerts via E-mail

Receive notifications as soon as the status of the delivery changes or a location specified by you has been reached (geofencing).

ETA Calculations

The estimated time of arrival of the delivery is continuously recalculated.

Monitoring of the Container Doors

You will receive a notification as soon as a container door is opened.

connect2track – The V-Type Tracking Device

real-time visibility

Sensors

- **Light**
  Light values can be measured up to 83.000 lux

- **Temperature**
  Operating range: -20 °C to 60 °C
  Accuracy: ±0,5 °C NIST traceable

- **Humidity**
  Accuracy: ±2% RH

- **Shock**
  3-dimensional shock detection up to 8 g

- **Tracking**
  Cellular, GPS,
  WiFi location tracking

Battery

- 2.600 mAh Li-ion rechargeable with Micro-USB

- Over 39 days at 1 hour transmission frequency

Transmission Type

Cellular

Cellular Connectivity

- LTE - M, fallback to GSM (2G)

- EGPRS

Mounting

Free mounting, next to the door

Dimensions

96 x 58 x 19,5 mm

Weight

100 g

IP Rating

67

Certifications & Approvals

- FCC
- CE
- RoHS
- EAC
- CCC
- SRRC
- UN38.3
- RTCA DO160G

FEB/27/2024

Testimonials

WMS

Our aim is to be well positioned both technologically and strategically. With Bitergo WMS – Warehouse Star, we are setting a first milestone towards achieving this goal.

Hakan Efe – Head of Contract Logistics

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EDI

We are using several logistics companies to execute our transport orders. With the Bitergo EDI-solution, we now have full transparency on all of our transport orders at any time, no matter who is executing the shipment. This allows us to share this visibility with our customers to support their operational planning.

Sonja Neif - Head of Supply Chain Management - Europe

DyStar®

WMS

Bitergo WMS was implemented quickly because we were able to put the system into operation on-site and remotely. This was easy to do because all the processes required could be implemented by using the standard functionality of Bitergo WMS.

Olaf Müller - Team Lead Solution Design

DB SCHENKER

EDI

STIHL's Dieburg sales centre has carried out several ERP system changes since 2007, from WWS/400 to SAP R/3 to SAP S/4 Hana. Bitergo has actively supported the tests and implemented every system changeover without any problems.

Jürgen Brandl – STIHL Vertriebszentrale

STIHL

Testimonials

WMS

For the type of business there was no software tool in use at the branch to handle operations of that kind appropriately. Luckily, the Bitergo WMS could be used completely out-of-the-box with no individual adaptions at all!

Jörg Abt - Manager Gateway Südwest

DB SCHENKER

WMS **EDI**

The digitalization of our order processing with the Bitergo WMS saves us a lot of time and therefore money. The fabric rolls are now recorded quickly and easily digitally using an app. Connecting the WMS to our ERP system makes order invoicing much easier.

Sven Kukereit – RHEGARTEX Wohnkultur

Rhegartex Wohnkultur GmbH & Co. KG

WMS

We have been using the Bitergo apps for over 4 years to optimize the processes in our warehouse. All processes – from goods receipt, storage and picking to goods issue – are handled with the help of the apps….We are really very satisfied with Bitergo WMS.

Jürgen Nehmer - Spedition Nüllig & Haß

Spedition Nüllig & Haß Wuppertal

Test for 30 days for free

warehouse management

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