translogica
transport management

dotiga
document management

DIGITISE.
AUTOMATE.
OPTIMISE.

How the translogica/dotiga combined transport document management system (TDMS) can increase your company's level of digitisation and boost its efficiency.

**Fair.
As partners.
Transparent.**

Translogica

FOUNDING OF INFPRO IT SOLUTIONS GMBH

CAST IT BUSINESS AWARD

COMPLETION AND FIRST INSTALLATION OF THE DOTIGA DOCUMENT MANAGEMENT SYSTEM (DMS)

COMPLETION AND FIRST INSTALLATION OF THE DOTIGA WORKFLOW MODULE

DOTIGA GOES MOBILE

COMPLETION OF THE TRANSLOGICA BIG DATA INFORMATION PLATFORM

2004 — 2005 — 2006 — 2007 — 2008 — 2012 — 2013 — 2014 — 2015 — 2016 — 2017

DOTIGA AND TRANSLOGICA BASIC ARCHITECTURE

KNOWLEDGE AWARD AND COMPLETION; FIRST INSTALLATION OF TRANSLOGICA

SCIENCE2BUSINESS AWARD 2012

DOTIGA GOES CLOUD

DOTIGA GOES RPA (ROBOTS PROCESS AUTOMATION)

KEMPTEN SITE AND UI DESIGNER

ORDER MANAGEMENT TRACK AND TRACE

INTEGRATION OF CHATGPT

2018 — 2019 — 2020 — 2021 — 2022 — 2023

VIENNA MILLENIUM TOWER SITE AUTOMATED FERRY INTERFACE

TRANSLOGICA APP AND MOBILE SCHEDULING

ARTIFICIAL INTELLIGENCE MACHINE LEARNING (KAI)

About us

Translogica Software GmbH (Austria) and Translogica GmbH (Germany, Kempten) are companies of InfPro IT Solutions GmbH. InfPro was founded in 2004 as an academic spin-off of the Institute of Computer Science at the University of Innsbruck.

Continuity, solid growth and competence in the logistics sector have been the hallmarks of the company's philosophy ever since. Approximately 100 experts from IT, logistics and project management work at the headquarters in Innsbruck and at the locations in Vienna, Krems and Kempten.

With our unique and innovative software duo of translogica / dotiga, we offer a comprehensive Transport Document Management System (TDMS) that digitises and optimises the processes of logistics and transport companies.

ACADEMIC SPIN-OFF
First academic spin-off of the Institute of Computer Science at the University of Innsbruck

FOUNDING
Founded in 2004

AWARDS
WKO- Science Award 2007
Science2Business Award 2012
Winner VR Awards 2020

EMPLOYEES
Currently employs approx. 100 committed and highly qualified staff members

CUSTOMERS
> 450

USER
> 9,500

BEST EMPLOYERS 2022
Great Place to Work
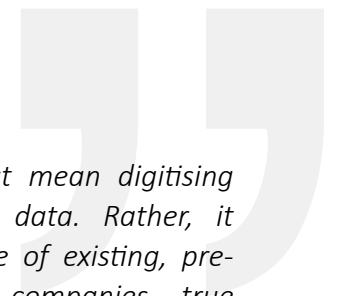
„If you want to build a ship, don't drum up the men to gather wood, divide the work and give orders. Instead, teach them to yearn for the vast and endless sea."

Antoine de Saint-Exupéry on motivation
From: „Citadelle"

Our offices

INNSBRUCK   VIENNA   KREMS   KEMPTEN

Simple transport management through optimised software

Scheduling can be almost as easy as booking a hotel online. Because our transport and document management system (TDMS) translogica/dotiga contains all the functions necessary for simple, fast and, above all, successful scheduling.

Functions of our logistics software

COMPLETE QUOTATION AND ORDER PROCESSING

All order-relevant data is recorded in the translogica/dotiga TDMS. The software is an irreplaceable helper for complete quotation and order processing.

• quick and easy freight calculation and quotation preparation
• matching orders with quotations
• manual and automatic order creation
• order import via interfaces and OCR recognition (last mile of digitisation)
• resubmission management
• internal and external tender workflow
• automated proof of delivery processing
• automated invoice processing
• proactive/automated handling of claims
• automated billing
• accounts receivable administration and reminders
• online order entry for customers including track & trace and document management

SIMPLE AND FAST SCHEDULING FROM A-Z

The translogica/dotiga TDMS makes scheduling with all its facets efficient, clear and easy.

• vehicle & trailer scheduling with graphical vehicle deployment plan
• (geo-)graphic, map-supported interactive scheduling
• charter scheduling
• full-load & part-load scheduling
• groupage / general cargo scheduling
• intermodal scheduling with stored train and ferry schedules as well as booking interfaces
• container scheduling
• route planning with route optimisation

• staff scheduling
• all relevant data at a glance in the scheduling plan: driving, rest and arrival times, minute-by-minute delay info, costs, tank level, repair / MOT appointments, etc.
• telematics integration of all current providers
• visualisation of the flow of goods with yield and profitability calculation
• track & trace portal
• interfaces to cargo exchanges
• intelligent scheduling support taking into account historical data, current vehicle locations and TIMOCOM integration

With the translogica/dotiga TDMS, we rely on management by exception

This means that routine activities are essentially taken over by an automated workflow. Your employees only have to deal with deviations or errors, which are reported and processed in real time. This allows you to concentrate on value-adding activities for your company's success.

Logistics software for (geo-) graphical scheduling

The translogica/dotiga TDMS is an irreplaceable support for scheduling. The system shows you the matching own and third-party vehicles for a job to be planned and recommends the best and cheapest vehicle. This also enables transparent and profitable scheduling across departments and branches. Orders, tours and vehicles that have already been scheduled can be tracked in real time on an interactive map, together with all relevant data. If necessary, you can thus react flexibly to changing circumstances and take optimisation measures to utilise the fleet.

INTERNAL PROCESSES AND ADMINISTRATION AT A GLANCE

Extensive master data management of customers, suppliers, subcontractors, personnel, vehicle fleet, loading / unloading addresses

- fleet management with workshop management
- integrated form system including form designer for customising forms
- extensive WMS (Warehouse Management System) with scanning
- statistics and BI (Business Intelligence) dashboards in real time
- interfaces to financial accounting (FIBU)
- cost accounting and internal cost allocation
- CRM (Customer Relationship Management)
- flow of goods analysis
- Management by exception: Routine activities are taken over by an automated workflow. Your employees only need to deal with deviations or errors, which are reported and processed in real time.
- The graphical display of search results with evaluation of internal processes is simple, fast and straightforward.
- digital archive- seamless integration

SCHEDULING ADVANTAGES

- scheduling of FTL/LTL, groupage, intermodal transport
- various scheduling plans and lists, also for pure intermediaries
- interactive map scheduling with route optimisation
- all relevant data at a glance (driving, rest and arrival times, minute-by-minute delay info, costs, fuel consumption, tank level, repair / MOT appointments, etc.)
- connection of GPS-supported fleet communication
- real-time display of vehicles from the TIMOCOM platform in the scheduling map
- search for loads and vehicles in TIMOCOM
- display of historical data (such as average price for this tour)

"With a new IT system, we have set ourselves the goal of focusing on our employees in order to actively and intuitively support them in their daily tasks. With me as project manager, my team was able to optimise numerous processes and automate them within our company together with innovative digitisations from translogica.

Today, we use a modern and intuitive graphic scheduling system with which we handle hundreds of thousands of consignments annually, from general cargo to full loads in all Eastern European countries. With the software duo, our employees receive maximum efficiency and, above all, security in their turbulent daily business, which we can constantly improve."

Leith Aissa
Hellmann East Europe GmbH & Co.KG
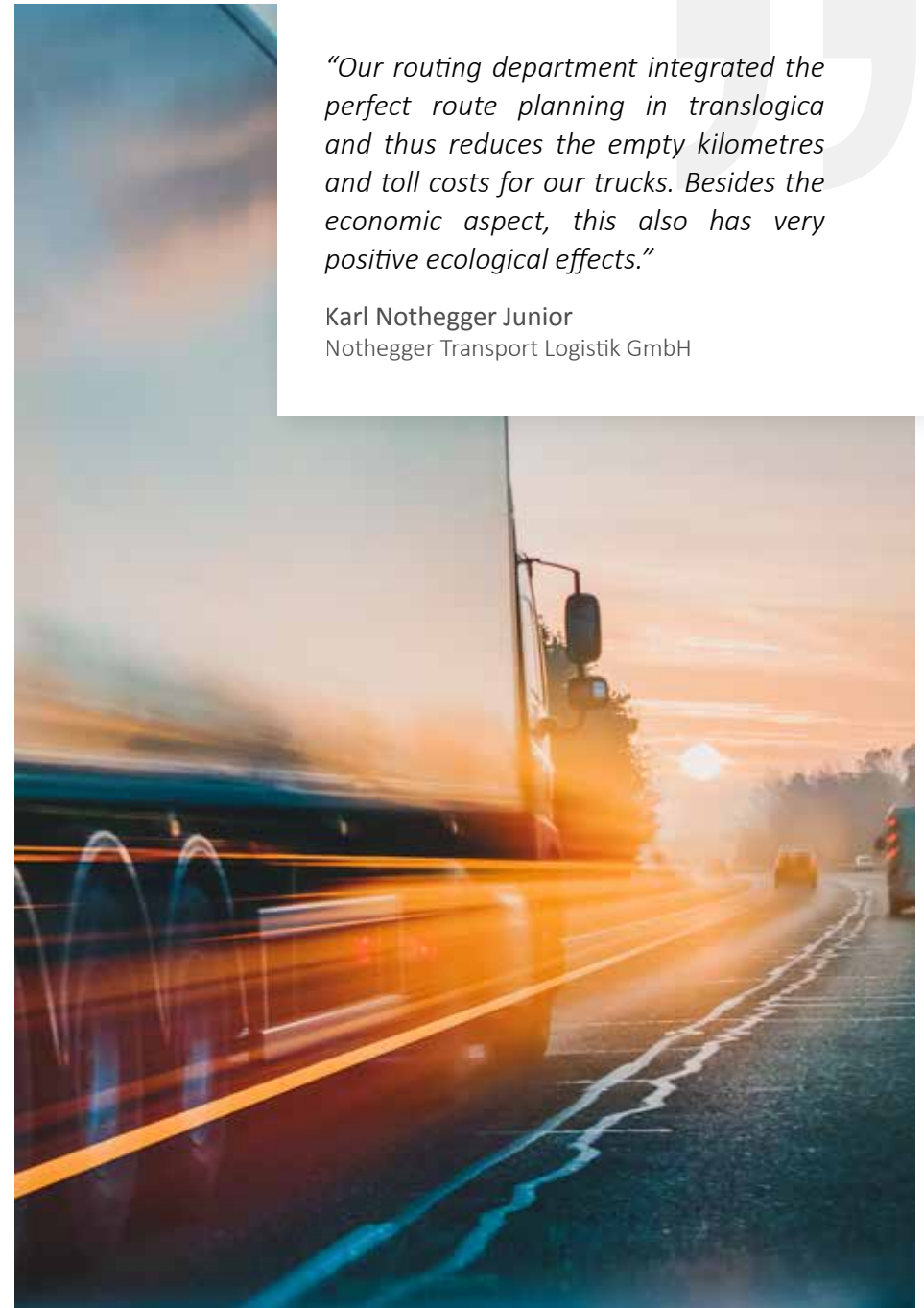
The perfect route planning

Optimal route planning is the key to efficiency, cost savings and adherence to schedules. With the translogica/dotiga TDMS, you always have all relevant parameters in view. The system shows the best current route in terms of time, distance and capacity utilisation and calculates the estimated time of arrival in real time, taking into account driving and rest times or delays due to traffic jams and road works. So you are well equipped for all eventualities and can react flexibly within seconds.

ADVANTAGES IN THE AREA OF SCHEDULING AND LOGISTICS

• automatic route calculation with one click
• ETA calculation of the planned routes/orders/stops with remaining driving times
• automatic dispatch of the planned ETA via link/e-mail/SMS
• current kilometre and toll calculation
• CO_2 calculation
• calculation of the planned rest breaks
• time calculation including traffic jams, border waiting times, road works etc.
• editing of the map material (blocks etc.)
• truck attributes: restrictions for trucks (e.g. height restrictions)
• geofencing for load status
• saving the geocoding in the address master data
• route optimisation/alternative routes
• guided navigation
• change of the calculated route due to new parameters
• save and easily recall routes
• automatic calculation of full and empty kilometres
• quotation and order entry directly from route planning

"Our routing department integrated the perfect route planning in translogica and thus reduces the empty kilometres and toll costs for our trucks. Besides the economic aspect, this also has very positive ecological effects."

Karl Nothegger Junior
Nothegger Transport Logistik GmbH

Logistical groupage functions for your forwarding company

The integrated groupage handling offers you all the functions that are required for the effective handling of your groupage transports:

• Fortras interfaces/connection of general cargo cooperations
• automatic routing
• configurable quality check of the orders
• plausibility checks
• runtime calculations
• flexible rules
• hall and delivery scanning
• ADR processing
• automatic local traffic scheduling
• proactive proposals for pick-up scheduling
• processing and monitoring of premium products
• intelligent workflows for the automation of Avis consignments
• management by exception through individual workflows
• automation of service activities
• online portal for your customers with track & trace

"Together with Translogica, we have optimised the innovative all-in-one software solution for all requirements in the general cargo sector for our approximately 3,000 groupage consignments entering and leaving Europe every day, which also supports our local transport scheduling in its daily work through automatic route planning. The integration of telematics and the intelligent use of dashboards eliminate numerous manual processes when monitoring consignments. Our next goal is to work together with Translogica to further optimise route planning with the support of AI from the data obtained in combination with opening and standing times, integrating traffic data."
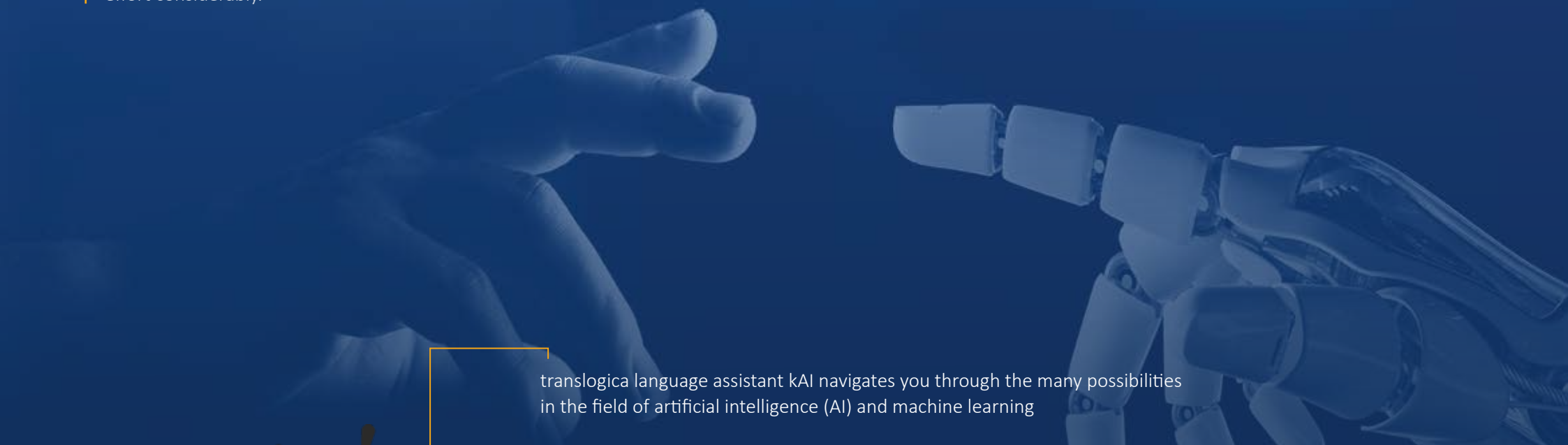
Frank Pöhls
Herbert Voigt GmbH & Co. KG and
DHL Voigt International GmbH

Machine learning

With the translogica/dotiga TDMS, we rely on machine learning, a self-learning system. The software is able to „remember" process steps that have already been carried out, to apply the required actions automatically and reliably in the future and thus to reduce the manual effort considerably.

Our engine's text recognition works with a 100% success rate for digital documents. So you cover the last mile of digitisation in order entry for all your customers.

Our AI algorithms are based on Microsoft's proven frameworks and thus rely on state-of-the-art methods.

translogica language assistant kAI navigates you through the many possibilities in the field of artificial intelligence (AI) and machine learning

Advantages through AI-supported logistics in your forwarding company

• automatic recognition of all document types
• automatic creation of transport orders

• automatic field recognition
• reading out invoices and automatic further processing

Software for fleet management

With our translogica/dotiga TDMS you keep track of everything to do with your entire fleet at all times. Our powerful software enables you to check, analyse and process all fleet data end-to-end, helping to minimise costs and optimise all processes. Some of our customers manage truck fleets with more than 1,000 vehicles.

LOGISTICAL ADVANTAGES FOR YOUR FORWARDING COMPANY

- vehicle management
- maintenance dates according to time intervals and km travelled
- evaluations according to groups and individual vehicles
- contract management
- vehicle cost accounting
- claims management
- consumption analyses
- filling station module and fuel card management
- equipment management
- corresponding appointment management and scheduling management

"With translogica, we have a perfect handle on all issues related to our fleet of 120 vehicles."

Benjamin Leinsle
Leinsle GmbH

Software-based
garage management

With translogica, you manage the garage administration of your entire fleet, from spare parts ordering to the automatic creation of garage orders, easily and with just a few clicks.

ADVANTAGES OF GARAGE MANAGEMENT

• spare parts storage bookable at various locations
• spare parts purchasing with ordering
• reported stock
• automatic creation of garage orders from the schedule management
• generation of new appointments after completion of garage orders
• work orders with time recording
• cost accounting
• processing of third-party repairs incl. invoicing
• flexible billing models
• full barcode function with hand scanner connection

"With the integrated garage management in translogica, we benefit from absolute cost transparency, extensive spare parts management and intuitive usability, which our employees really appreciate."
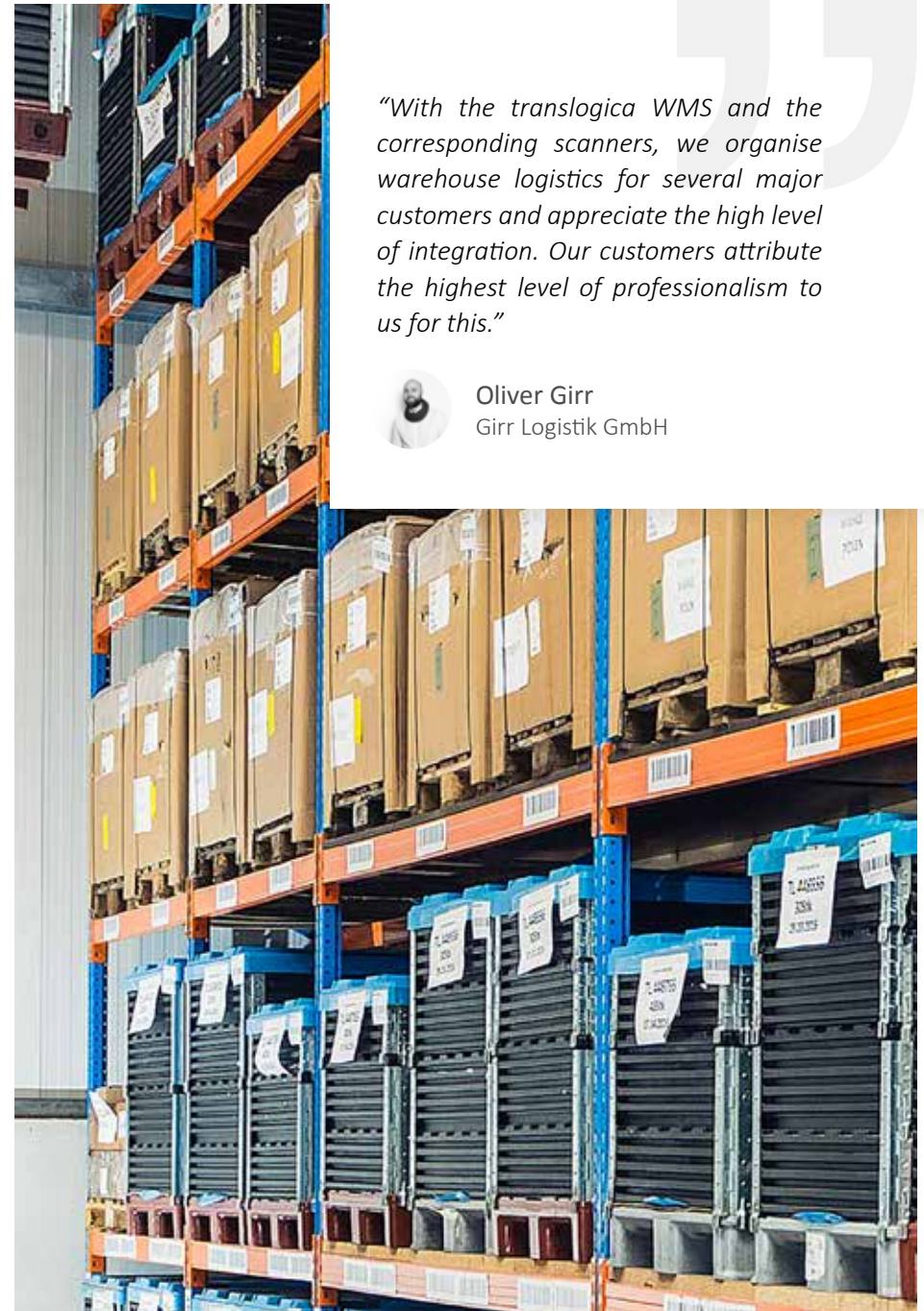
Georg Dettendorfer
Johann Dettendorfer Spedition
Ferntrans GmbH & Co. KG

Intelligent warehouse management

The translogica Warehouse Management System (WMS) with integrated scanning solution and full barcode functionality offers you much more than just a significant simplification of the management and organisation of your warehouse. Our powerful and reliable software controls the entire flow of goods, increases efficiency and thus contributes to cost savings.

FUNCTIONS FOR YOUR FORWARDING COMPANY

- booking of incoming and outgoing goods
- combination with transport planning
- goods movements and stock order management
- storage location and parking space management
- inventory management
- different types of storage and several locations
- bans on combined storage
- current stock overview
- order warnings
- scanning
- data interfaces
- flexible stock money accounting
- online access for customers with web shop function and stock level display
- order picking
- different storage principles (FIFO, LIFO)
- seamless integration of document management

"With the translogica WMS and the corresponding scanners, we organise warehouse logistics for several major customers and appreciate the high level of integration. Our customers attribute the highest level of professionalism to us for this."

Oliver Girr
Girr Logistik GmbH

Web portals for your forwarding company

Our translogica customer portal is available to you for the rapid integration of your customers into internal company processes:

• online order entry
• shipment tracking / track & trace
• delivery receipts directly in the portal
• invoices directly in the portal
• online shop for warehouse customers

To integrate your subcontractors, you can use our translogica contractor portal, which can be used both with and without registration:

• online transmission of transport orders
• confirmation of delivery documents
• credit notes online
• onboarding of new subcontractors with necessary documents

SOFTWARE-BASED ADVANTAGES

Reduction of manual order entry

• fewer shipment follow-on requests
• simplified invoicing process
• paperless processing and reduction of effort
• through fast POD feedback, rapid invoicing and higher liquidity

"In addition to the subcontractor portal, the translogica online customer portal is used a huge amount, especially by our general cargo customers. In addition to track & trace, they can also view delivery receipts, invoices and statistics directly there. This makes collaboration easy and efficient."

Jochen Abt
Lakner Spedition + Logistik GmbH & Co. KG

"We have been working with the translogica/ dotiga TDMS since 2008 and handle around 250,000 full loads a year exclusively with subcontractors. Our 250 users benefit from a total of more than 60 workflows in translogica, which automate all processes from carrier onboarding to document feedback and invoicing."

Matthias Wallmann
Vertex GmbH

Special features for logistical scanning

The translogica app is the flexible solution for scanning processes and fleet communication. The bandwidth ranges from warehouse and hall scanning to delivery scanning, including proof of delivery (POD), or even proof of damage - all transmitted within seconds. Operation is user-friendly and intuitive.

SOFTWARE ADVANTAGES IN TRANSPORT MANAGEMENT

The translogica app is ideal for:

• online transmission of transport orders
• confirmation of delivery documents
• credit notes online
• onboarding of new subcontractors with necessary documents

Special features of the translogica scanning app:

• display of ETA for goods receipt in the hall
• chaos scan: inbound, outbound and delivery scan possible
• customisable scanner interface and definable workflows

Document management
for transport logistics

Professional and automated document management with dotiga

The dotiga document management system (DMS) enables you to digitally store documents of all kinds in an audit-proof manner and to find them quickly. These are categorised in a simple and efficient way and stored securely and timelessly in the archive.
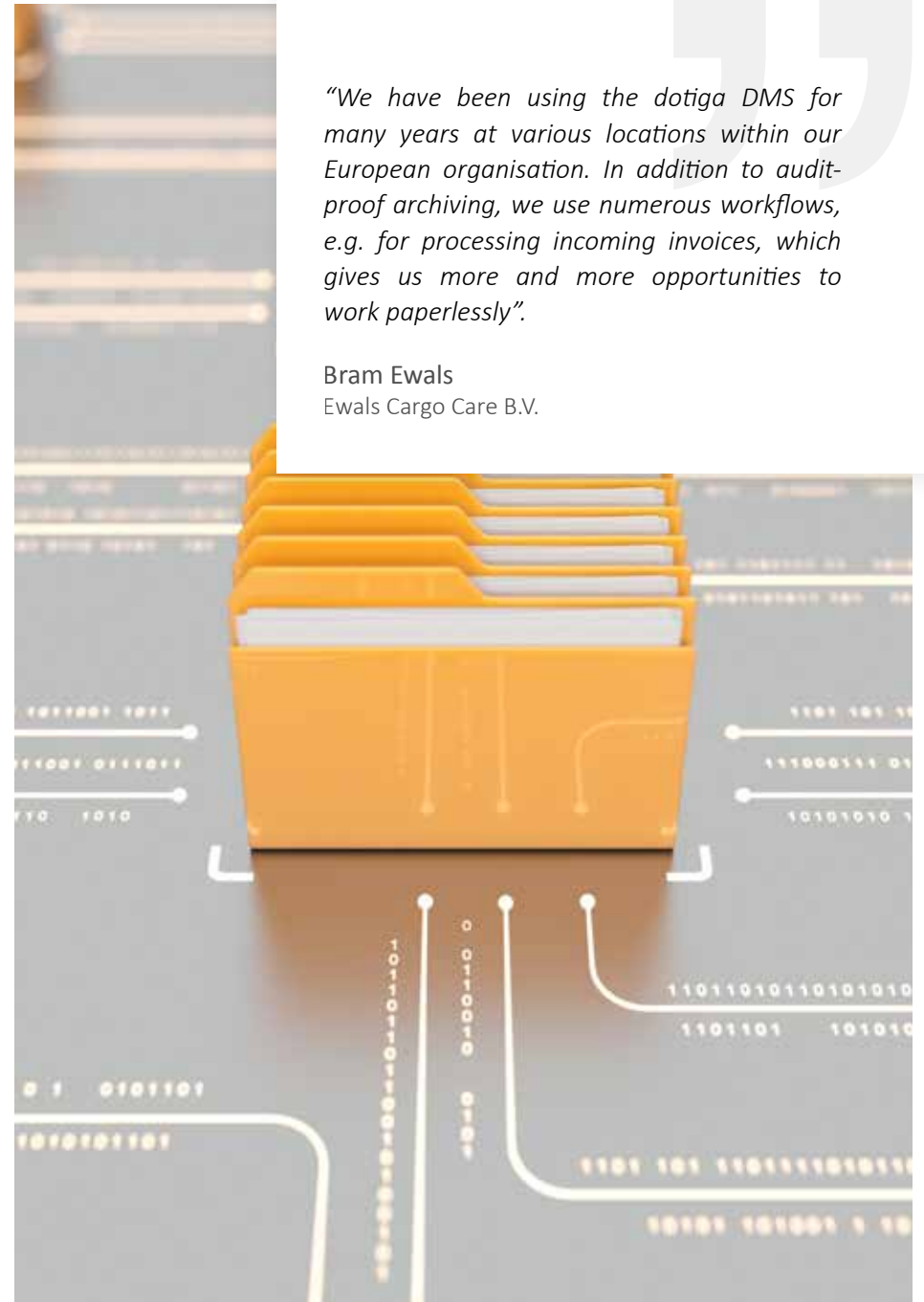
The integrated version management allows the user to view older versions of a document. For convenient categorisation, document types can be freely defined and provided with customisable fields. A possible document type is, for example, „incoming invoice" with the additional fields „invoice number" and „supplier". These customisable document types offer you maximum freedom in defining your business processes and the internal structure of your company.

dotiga workflow management

The dotiga workflow management system (WFMS) creates the ability to carry out company-specific business processes in an optimised and automated way. Business processes are executed in the form of workflows within the dotiga document management system (DMS).

"We have been using the dotiga DMS for many years at various locations within our European organisation. In addition to audit-proof archiving, we use numerous workflows, e.g. for processing incoming invoices, which gives us more and more opportunities to work paperlessly".

Bram Ewals
Ewals Cargo Care B.V.

Successful digitisation

A successful digitisation strategy is based on well thought-out Business Process Management (BPM). This means modelling internal business processes with intelligent workflows. The secret of success of the dotiga workflow engine lies in its ability to adapt to individual, company-specific processes and it is based on augmented analytics. With this, IT tools independently analyse data and derive recommendations for action.

The goal: maximum optimisation

Automation and flexible configuration with dotiga workflow management

With the dotiga workflow management system, company-specific processes are flexibly configured and automatically executed - including on the web and on mobile devices, so that you can control your company from anywhere. You can also involve your customers and subcontractors. These can be seamlessly integrated into your process chain via web portals or feedback via telematics or SMS. This way, your business gains efficiency, quality and transparency.

This saves time, money and paper.

"Since the foundation of my company, I have relied on translogica and the opportunities that the workflows bring. This allows my staff to work efficiently and successfully. Thanks to numerous automations I need almost no staff for administration."

Thomas Kogler
Spedination GmbH

We live for innovation

IDEA ENGINE HACKATHON

Dreamed for years, prepared for months, built in days

The aim of the Translogica Hackathon is the joint production of useful, creative or entertaining software products. Specific topics are always given, while projects are often worked on in cross-functional teams. The regular Translogica events are regarded as an engine of ideas in the field of digitisation.

The better way to develop software products...

...is the agile scrum working method. The focus is on the development team. Everything is geared towards client-centred work, team spirit, the values for good cooperation and also friendship, continuous improvement and transparency. At Translogica, scrum is a fixed component of the software development process.

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We have already created more than 250
intelligent workflows for our customers.

**You too can benefit from our expert
know-how as well as our many years of
experience in the logistics sector!**

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