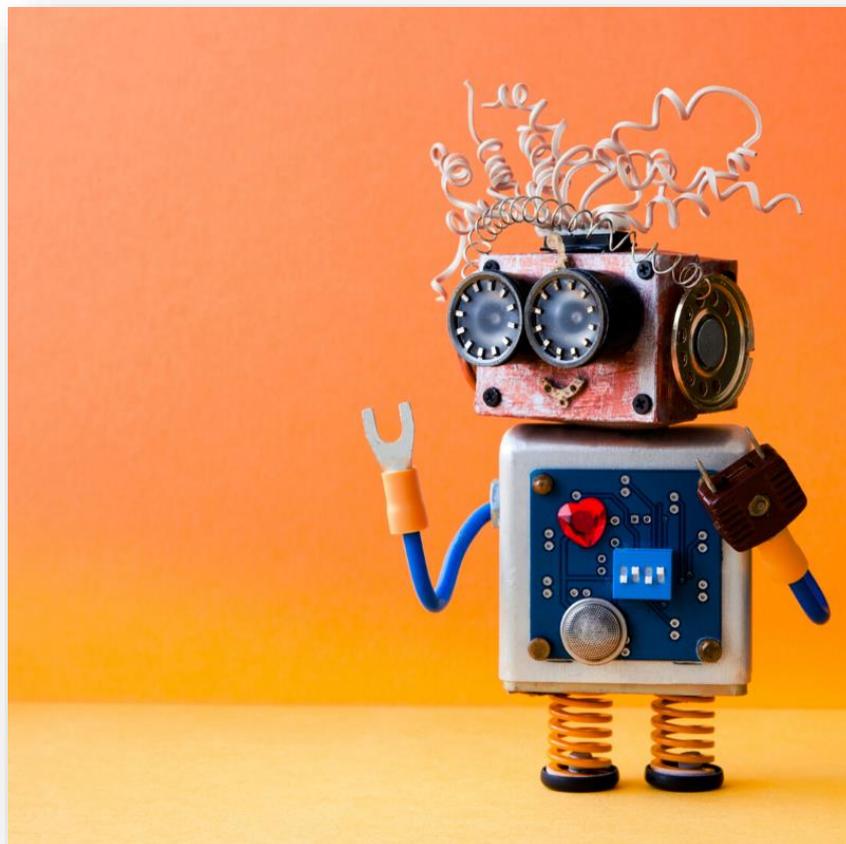


Bespoke Suite of Software

Robotic Process Automation in the
transportation and logistics industry

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Executive summary

As in other industries across the scope, transportation and logistics (T&L) industry must face both global and local challenges caused by the massive changes in technology and markets.

Global competition, ever increasing flow of goods, customer demands and expectations. There is a way how T&L companies can ride the wave and even profit from the change, and it is called Robotic Process Automation (RPA).

In this paper we discuss major challenges caused by the change and explore a technological solution.

A word from our CEO



In this wonderful age of technology, we can trust machines to take care of the routine tasks and focus on the big picture, while saving the rarest of resources—Time.



-- Jacky Lu, CEO and Founder at TaurusSoft B.V.

In the end it's all down to 1s and 0s

The Netherlands has long been one of the most important logistical hubs and the primary gateway between Europe and the rest of the world for many exporting countries.

As a matter of fact, it was ranked as the world's most logistically connected country in the [DHL's Global Connectedness Index \(GCI\) 2018](#) [1].

However, the Dutch position as the leading hub may be threatened by worldwide developments in transportation and logistics (T&L) industry related technologies. Time to wake up.

Global competition

There has been a tremendous growth in the global flows of goods. Forecasts show that Dutch T&L industry is to report a 2% [2] year-on-year increase in 2019, while the global market would reach CAGR of around 7% globally by 2022.

The rising demand and technological complexity lead to pressing challenges for providing efficiency in T&L services.

However, some companies are still reluctant to follow technology trends and often do tasks manually.

In fact, Germany's digital association Bitkom found in a recent survey that 4 out of 5 companies, operating in transportation of goods, see digitization as the most prominent challenge in T&L industry [3].

As the technological pressure grows, companies must find solutions for becoming more efficient.

Automation

A way out can be found close at hand. To tackle the ever-growing pressure, companies should invest more time and resources in developing technological competencies.

One of these is known as Robotic Process Automation or RPA.

In general, automation is achieved through the application of specific software, which mimics repetitive

actions done by humans, and ensures less human intervention and time-to-deliver.

According to a report by PwC, the benefits of automation include lower costs and improved efficiency [4].

Getting rid of the frustrating errors and excess time consumption is already a huge success.

5 STRATEGIC WAYS TO AUTOMATE YOUR BUSINESS

1

AUDIT PROCESSES

Audit your internal processes for potential optimization. Do this by identifying those processes that require the most manual labour.

2

SLOWLY IMPROVE

Slowly insert automation tools to improve existing manual processes. By going for an iterative approach, you can save both time and money.

3

OPTIMIZE, SCALE & DRIVE

Automate not only to optimize internal processes, but also scale marketing and drive revenue. In this way you will positively affect both internal and external engagement.

4

AUTOMATE REPETITIONS

Implement automation to handle repetitive tasks. Software can do repetitive actions faster and leave time for employees to focus on more complex tasks.

5

DON'T OVERDO IT

Automate where it makes sense. Not every process and task in your business is suitable for automation. Focus on those that take the most time and resources and where people make most mistakes.

SOURCE: FORBES TECHNOLOGY COUNCIL

These points reflect the author's opinion, based on the source [5]. Continue reading:

Uses in T&L industry

Excel is maybe the most widely used software for data storage, especially in small businesses. However, it is not the most efficient one [6].

Whether dealing with incoming logistics documentation like notifications of arrival, looking up orders or keeping a warehouse in check, these processes cumulatively take up an immense amount of time which could be directed towards more strategic tasks.

Advancements in technologies allow to create smart systems that automate everyday bustle, opening opportunities for increased operational efficiency, scaling up a business and reaping profits.

What about a piece of software for that?



Choose unique.

Be unique.

Solution

As solutions go, ours is a simple but an effective one: to offer tailor-made software. It can be complementary to an existing system or constitute a complete system itself.

Why custom software? Well, we found it works best, after providing companies in T&L industry with various software solutions from a Transportation management system to staff portals to integration of Douane customs procedures.

We saw that most of them were using such products as Microsoft Excel or Google Docs, or commercial off-the-shelf (COTS) software with limited ability to store and process significant amounts of data.

This is where we come in and dive into the business and research core operations before automation can take place.

Transportation management systems (TMS) provide the opportunity to automate route planning and delivery paths together with track and trace and many other functions.

Meanwhile, through a combination of a warehouse management system (WMS) and order management system (OMS) it is possible to ensure smooth order processing and automatic printing, as well as automate inventory maintenance, labelling and barcode related issues.

We provide a comprehensive set of functions and systems to increase business efficiency, save time and optimize business activities for the best possible result.

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About Us

TaurusSoft B.V. is a software development company, headquartered in Schiphol-Rijk, the Netherlands. It was founded in 2016 by Jacky Lu, and since has had an excellent track record of providing premium services to its clients.



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