



inet

part of alpega

MAGNA STEYR SUCCESS STORY

The continued success of Magna has led to ever-increasing production volumes over the years, most recently doubling in just two years. However, the growing order volume faced a limited infrastructure of the production site in Graz. Among other things, the collection of empties was thus to be optimized - more precisely, the arrival, loading and departure process of the trucks at site in order to reduce waiting time and parking areas.

AN INET SUCCESS STORY

MAGNA STEYR

Magna Steyr is a leading global automotive supplier with 339 manufacturing operations and 89 product development, engineering and sales centers in 28 countries. More than 173,000 employees focus on delivering superior value to their customers through innovative processes and world-class manufacturing.

The beginning of the partnership between inet and Magna Steyr dates back almost 20 years. Over the years, several solutions have been jointly implemented to optimize the logistics of the Magna production, supporting them through cloud solutions. The Austrian automotive giant uses the inet TMS especially in the areas of transportation planning and execution, container management and freight cost management.

CHALLENGES



Up to that point, the key players in the empties collection process and the required information were not linked: loading information was stored in the TMS, access information was stored in another system, and the forklift drivers actually loading the trucks were only involved in the process through printed loading lists.

When a service provider came to pick up empty containers at the main warehouse or an external warehouse, they had to park outside the premises and then ask for a key card at the registration office. In addition, they needed to contact the dispatching office to receive the loading documents and the respective dock information.

At the dock itself, the loading list was handed over to the forklift driver, who then started the actual loading and noted any corrections manually on the list. Eventually, the truck dri-

ver brought the list back to the dispatchers' office and in return received the transport documents. After that, the truck ultimately left the premises.

The frequent reparking and the interaction with the various parties involved took up a lot of valuable space and time. The process was thus to be improved, with the aim of minimizing stopovers for truck drivers, parking spaces and the general waiting areas.



Fotocredit © Magna Steyr

„iTrace is a sustainable solution: Due to the lower number of truck journeys, traffic and thus CO2 emission is reduced. In addition, trucks have to wait and stay less at site and can thus be used more efficiently“

ALFONS DACHS-WIESINGER
MAGNA STEYR

SOLUTION BY INET



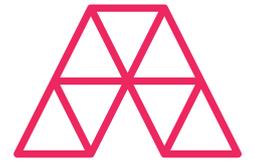
The inet solution iTrace links the key card system to the inet TMS and mobile devices of the forklift drivers. This made way for the new, more efficient process.

Now, when a truck driver arrives at site, he registers directly with a dispatcher. The dispatcher then enters the number of the key card in the loading detail in the inet TMS. The driver may then drive to the dock assigned to him, where he passes the key card to a forklift driver. The forklift driver scans the card and immediately receives the electronic loading list displayed on the tablet mounted in his cabin. During loading, the forklift driver can enter any deviations directly on the mo-

bile device. In addition, the dispatcher sees the status of the loading progress online at any time in the system. After each load, both the forklift driver and the dispatcher sign the list digitally. When the last load is completed, the data is sent to the dispatcher for approval. After a final review, he can initiate the printing of the transport documents at the terminal itself. This allows the truck driver to leave the premises directly after the loading of the empty containers.

5 TECHNICAL FACTS ABOUT THE SOLUTION

- Hardware-independent solution with optimized display for tablets
- Link to scanners
- Link to traffic guidance system
- Digital signature
- Digital document management including archiving



ADVANTAGES FOR MAGNA STEYR

As many as twice the number truck arrivals can now be handled more efficiently than before. This was only possible because the inet solution rendered many **verbal alignments, physical paths and manual steps unnecessary**. The required waiting areas could even be reduced, despite the significantly higher volume, because the truck drivers only need to drive through the premises and

no longer park or wait in dedicated areas.

Another advantage is the high level of transparency. Because all parties now access the same data, the actors benefit from the same level of information in real time: from the drivers of the forklifts and the trucks to the dispatchers. **Online status updates, digital signatures and archiving options ensure**

even more visibility. In addition, the process is now almost paperless.

Last but not least, an additional quality control has been implemented, and thanks to the system support, this can be done in a matter of seconds.



„For Magna Steyr it is very important to know where our data is stored and that the servers meet the highest data security standards. This solution is ideal for the automotive industry because it uses a HTML5-based mobile app. Any type of mobile device can thus be used. The graphical interface of the software is very user-friendly, which makes using the solution at Magna Steyr very easy“

THOMAS MADER
MAGNA STEYR



**THIS PROJECT HAS BEEN HONORED
WITH THE 1ST PRIZE OF THE
MAGNA WORLD CLASS LOGISTICS AWARD**



„The use of the iTrace solution significantly improved the entire empties process. Waiting times of the trucks have been reduced and external logistics centers can be operated regardless of the distance to the plant and without administrative staff on site. This is possible because the necessary transport documents are printed directly at the loading point and the truck can thus depart without further stops.“

THOMAS MADER
MAGNA STEYR



inet

part of alpega

ABOUT INET

We are a leading European provider of Software-as-a-Service (SaaS) with substantial know-how in the field of logistics. Since our founding in 1999 we have developed into one of the top 5 providers of Transportation Management Systems (TMS) worldwide. The inet TMS connects global and multi-mode transport networks on the in- and outbound levels. Our TMS software is proven to reduce transport costs by an average of 20 percent by networking all participants in the supply chain on a web-based platform in real time. The inet TMS plans, manages and optimizes your global supply chain networks on an efficient and sustainable basis. **inet is part of the Alpega group.**

Find out how our cloud-based TMS can optimize your supply chain network. For more information about our company and products, please visit our website www.inet-logistics.com

Join our community

 inet, part of alpega

 inet_logistics

inet-logistics GmbH
Färbergasse 17, 6850 Dornbirn, Austria
Tel: +43 (0) 5572 7374 0