

Take your business and your telematics to the next level



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IMT is a thought leader and independent telematics solution partner for the tank container and rail car industry, and is one of the world's leading telematics companies. We offer a complete range of intelligent sensors and telematics systems, including location, temperature, pressure and heating sensors, all connected to the user-friendly IMT platform. IMT's tank telematics can make a significant difference in safety, efficiency, and quality performance for your day-to-day logistics operations.

Monitoring assets and cargo with the new web application helps lowering cost and improving the quality and safety of the service you deliver to your customers. We offer our customers a powerful digital tool for:

- Fleet management
- Predictive maintenance and condition-based maintenance
- Cargo monitoring
- Transport management
- Powerful and flexible Notification system

Our platform is open to third-party input and output. You can choose to use our interface, but you can also build your own dashboard on it. The statuses are displayed in the IMT web application and can also be accessed via IMT's open and free API, making it easy to integrate the IMT solution into any pre-existing TMS (transportation management system). Fleet and cargo monitoring and optimisation has never been easier!



IMT develops hardware and software in-house and sets the standard in smart sensor technology. By developing both the hardware and software in-house, IMT can offer the right solution. All to take your tank and rail telematics and your business to the next level.



IMT is fully certified: CE, ISO 9001, ISO27001. The sensors of IMT are ATEX certified and can therefore be used in the transportation of hazardous and non-hazardous liquids in all sectors (chemical, pharmaceutical, food, petro, etc.).

The main advantages of telematics are:

1. Increase efficiency
2. Improve Utilization
3. Manage Cargo Safety & Quality
4. Reduce Logistic Costs
5. Commercial Impact





Below, we provide some examples of our clients' feedback and use cases that highlight each of the aforementioned advantages



INCREASE EFFICIENCY

- 35% efficiency gain, going from 2-3 transports to 4 transports per week a European fleet.
- Enabling to sell door to door deep sea transports because it's easier to manage transport overseas.
- Eliminate repetitive human input and as such avoid human errors and increase the efficiency of a dispatcher's job.
- Telematics data helps ETA calculations.



QUALITY & SAFETY

- Improved transparency, efficiency and performance will lead to higher quality.
- Avoid overheating, and accidentally heating and avoid unsafe situations with risk of explosion.
- Telematics successfully brings down the number of x potentially dangerous situations.
- All clients actively use IMT's solutions and temperature alert notifications for
 - product quality protection,
 - product damage prevention and
 - overheating protection.



UTILISATION INCREASE

- 18% utilisation increase on a dedicated European fleet



COST SAVINGS

- 13% overall cost reduction on storage, heating and demurrage costs.
- 50% savings on overall heating cost due to reverse billing procedure with its heating partners based on heating times detected by tank telematics.
- 25% less labour cost per trip by integrating telematics data into our TMS-system.



COMMERCIAL IMPACT

- Top performance and customer satisfaction pays off. As in any business, satisfied customers lead to more business.
- 2% higher transport prices due to smart tanks.
- Serve high level chemical companies as valuable, critical products go through transport specialists that guarantee quality and safety.
- Tracking information helps to calculate and decrease CO₂ emissions and contributes to a more sustainable image which is a growing aspect in tenders of chemical companies.

Intermodal Telematics introduces AI in tank container business

From Data to Information to Knowledge

The transition to artificial intelligence (AI) and big data is in full swing. Partly due to the global launch of ChatGPT, an advanced language generation model developed by OpenAI, a huge acceleration has taken place recently. The potential of AI, big data and machine learning, as well as the long-term and short-term benefits for the railcar and tank container market, is no longer a distant future but is happening right now. Together with our customers, IMT is now working on appropriate AI business models. For clients, IMT develops algorithms and uses machine learning tools to generate meaningful insights and derivatives, generating a solid foundation of information.

Looking at the tank container and rail car industry a mere ten years ago, there were myriad labour-intensive day-to-day tasks. Tasks that used to be a manual task for operators, which consumed a huge amount of time and effort to do correctly, and thus to manage as well, can now be supported by AI. The transition towards smart sensor technology has greatly alleviated pressure on operators, because measurements are taken and relayed automatically and continuously.

Optimize transport efficiency with IMT's Artificial Intelligence Solution

The use cases below will give you a bird's-eye view of the areas in which we work with our current customers in the field of AI, as well as the opportunities that exist for successfully deploying AI for your organisation as well.

The main advantages of AI :



- Automatic **FULL/EMPTY STATUS** changes displayed/transmitted to your TMS
 - No manual input avoiding errors
 - Increase in efficiency
 - Automatic calculation of demurrage
 - Automatically set temperature alerts when a tank is loaded



- Automatic **CLEANING STATUS** displayed/transmitted to your TMS
 - Quicker availability of tank container => increase in efficiency and utilization rate
 - No manual intervention
 - Not depending on 3rd party information



- **HEATING STATUS** Automatic heating events displayed/|transmitted to your TMS



- **Avoid PITTING** Avoid pitting by monitoring time between unloading and cleaning

How can we help you improve your transports and optimise your fleet efficiency?
We would be happy to discuss this and share the opportunities in Artificial Intelligence in tank telematics for your company in a personal conversation

Schedule a meeting with us, we will be happy to take all the time you need to share insights in tank telematics with you. This can easily be done by sending an email to marketingsales@intermodaltelematics.com or call us: +31 76 231 02 00.



Intermodal Telematics BU

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