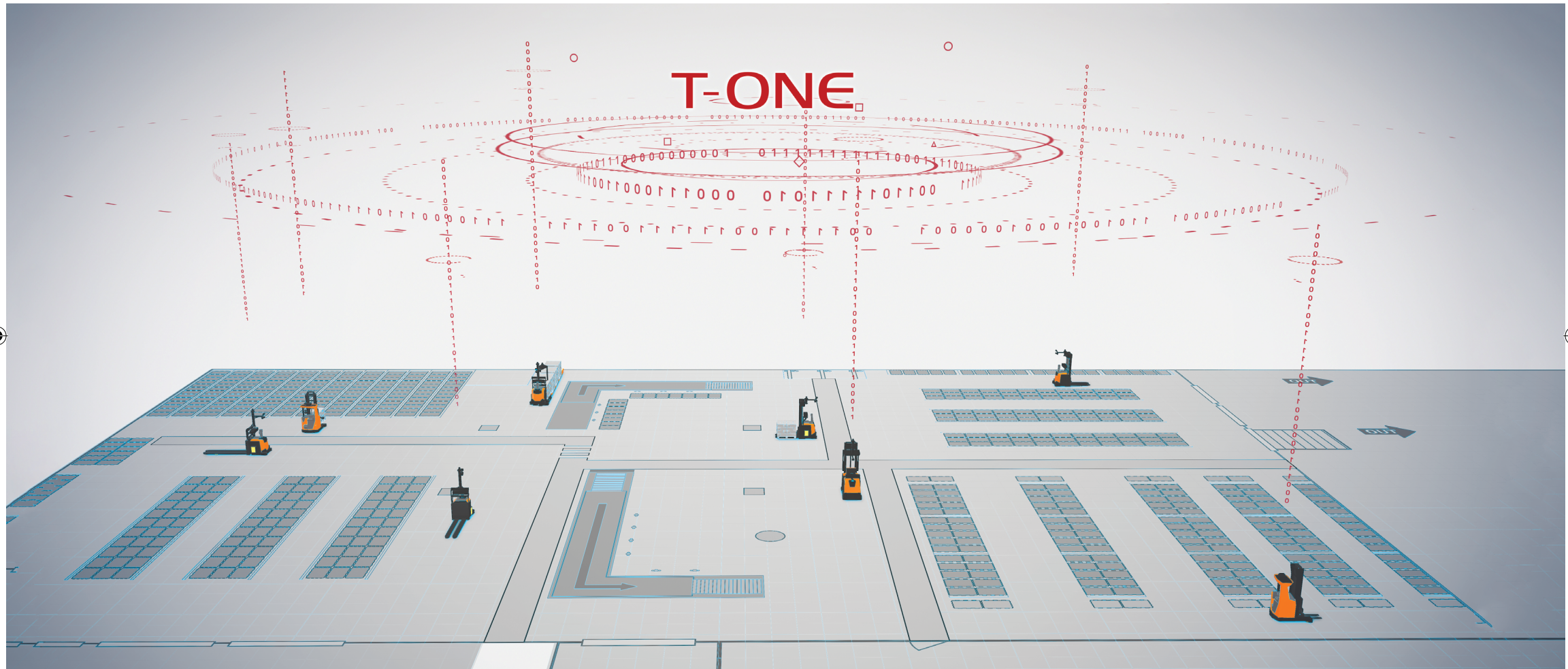




T-ONE

Intelligent automation software from Toyota



www.toyota-forklifts.eu

TOYOTA

MATERIAL HANDLING





Toyota has a long history in material handling: in the very beginning by establishing the Toyota Production System, and continuing to innovate over the years, leading to Toyota's expertise in lean manufacturing today. We continually look to optimise our customers' warehouse operations with a wide range of products and solutions to increase productivity, efficiency and safety.

Our approach to automated material handling supports our lean thinking. Today we are already working on the future of logistics, namely Industry 4.0, by creating a connected world thanks to telematics, automated vehicles and remote-controlled machines. We can offer a new dimension of productivity by providing solutions for automated processes in existing as well as new environments – with a step-by-step approach or a complete system conversion.

This way we can move together towards smart factories that offer faster production, less waste, and more sustainable material handling.



YOUR AUTOMATED PROCESSES ORCHESTRATED BY INTELLIGENT SOFTWARE

Automated material handling offers higher productivity, cost-efficiency and an overall leaner operation.

Efficiently automating your operations is now easy with solutions from Toyota:

- Autopilots: automated guided vehicles transporting your materials safely, efficiently and just-in-time
- T-ONE: intelligent automation software managing your automated operations

T-ONE stands for Optimise – Navigate – Execute

The software connects your intralogistic processes and manages your automated vehicles, efficiently completing the transport orders.

By optimising your order processing time, your materials are delivered just-in-time, so you can rest assured your transport orders are executed according to your exact needs.

This way, T-ONE guarantees an efficient & intelligent operation, with an optimised flow.





INTEGRATED INTRALOGISTICS WITH TOYOTA AS YOUR TOTAL SOLUTION PROVIDER

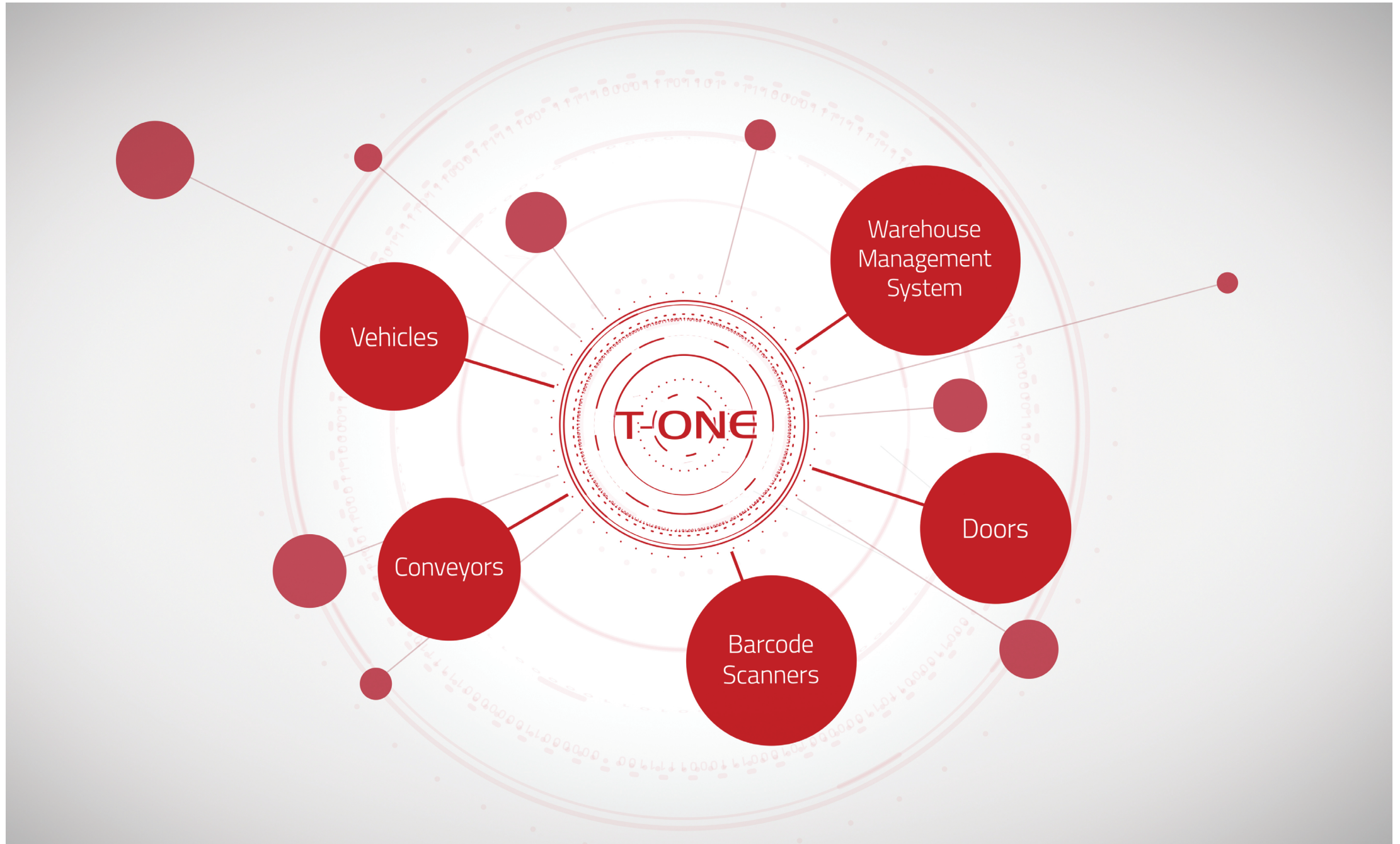
T-ONE is installed as an integration layer communicating with the Toyota Autopilot AGVs and your existing systems such as warehouse management systems, goods identification and other material handling equipment.

The intelligent software offers operational robustness and flexibility for easy scaling of operations and quick commissioning. This makes it suitable for applications with a significant number of vehicles.

T-ONE is at the heart of Toyota's automated solutions: it supervises & optimises your complete operation. The system provides you with a complete overview via an easy-to-use graphical interface.

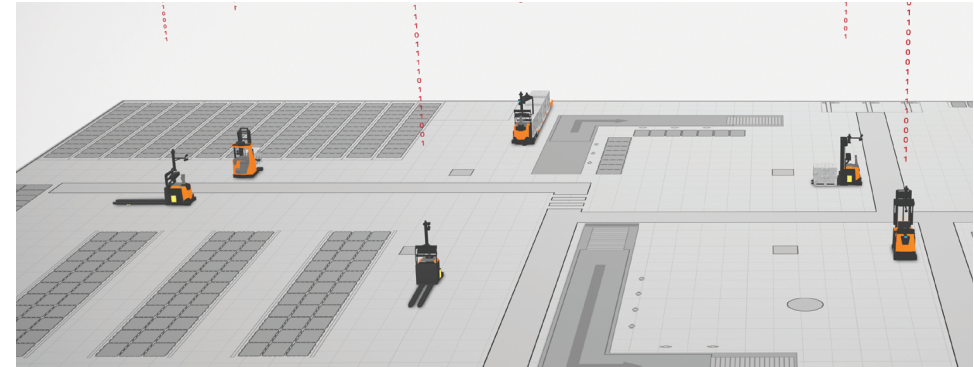
With Toyota as a reliable business partner, you can count on high-quality support from our European service network. We can support remotely or on site to ensure minimum downtime and maximised return on investment.







T-ONE

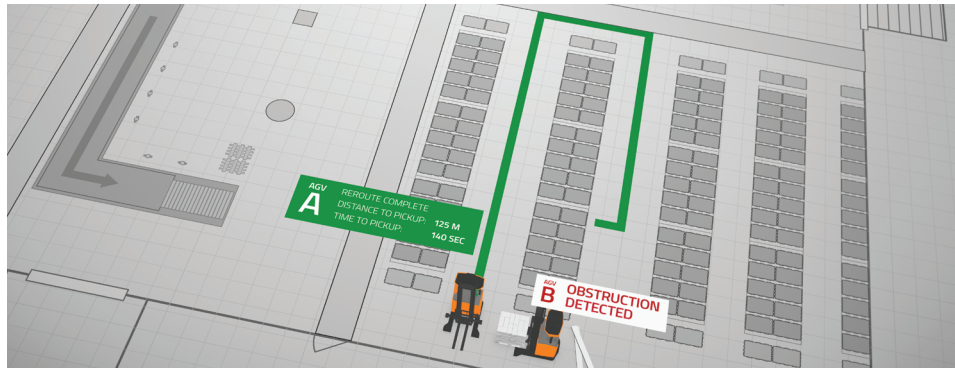


OPTIMISE YOUR FLOW AND EFFICIENCY

With one-step-ahead-thinking and monitoring of activities, T-ONE:

- Optimises how transport orders are executed and reduces order processing time thanks to the intelligent dynamic order allocation function.
- Keeps a steady and continuous material flow thanks to the advanced fleet control.
- Allows easy scalability to expand your system as your business continues to grow.
- Provides access to KPIs via the user-friendly graphical interface to continuously optimise your throughput.



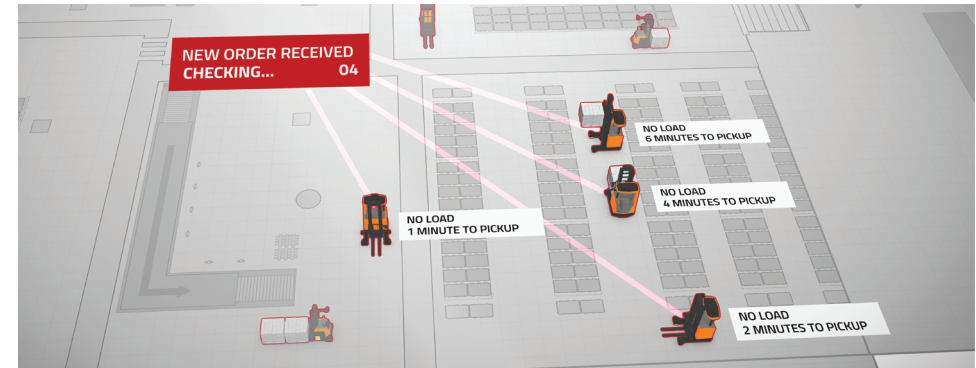


NAVIGATE

INTELLIGENTLY AND QUICKLY

Thanks to the advanced fleet control, T-ONE:

- Always chooses the most ideal path via dynamically (re-)routing your vehicles by continuously scanning the system and adapting to changes or blockings of the planned travel path.
- Makes sure the AGVs have less waiting time and fewer travels without a load.
- Allocates orders to the Autopilots, not on a first-come-first-served basis but to the best-suited vehicles, taking the entire operations flow into account.



EXECUTE

SAFELY AND ACCURATELY

To execute orders to your exact needs, T-ONE:

- Ensures that all loads are delivered when and where you need them, thanks to intelligent order allocation.
- Keeps track of your system and Autopilots to deliver your goods accurately & efficiently.
- Provides a robust order execution to guarantee a steady logistic flow according to the expected throughput.
- Communicates with other systems in the material flow to pick up loads just-in-time.





Toyota Material Handling in Europe

Total coverage

The Toyota Material Handling network extends to over 30 countries in Europe with more than 4500 mobile technicians.

Always local – with global support

Wherever you are located in Europe, we are always local, due to our extensive coverage, but with the stability and back-up of a worldwide organisation.

Made in Europe

Over 90% of trucks we sell are built in our own European factories, in Sweden, France and Italy – all to TPS quality standards. We employ over 3000 production staff in Europe and work with over 300 European suppliers.

Approximately 15% of our European production is exported to other parts of the world.

