



ABOUT THE LOGIC FACTORY
 The Logic Factory specializes in developing advanced software solutions for customers in various industries such as logistics, maritime, manufacturing, and government. The Logic Factory employees are among the industry's top minds as we believe that the best solutions can only be provided by the best people. The privately owned company, established in 2007, has its headquarters in the Netherlands and an advanced development center in Ahmedabad, India.

Introduction

Logistic Mobile Solutions (LMS) is a service offering of The Logic Factory (TLF) with a diverse pallet of different possible devices and integrations that can be delivered and combined in a flexible way. An important part of our Logistics Mobile Solutions are our handheld solutions (devices, software and integration). Our devices and software deliver the required functionality to drive forward your business for the right price and with the expected performance. TLF delivers full flexibility to tailor the solution to your business needs: handheld & board computer devices and software, integration of field services with transport management and planning system or an integrated solution with TLF's TMS and APS solutions.

Flexibility and Intelligent

- Decision support with customized decision trees during collection & delivery
- Detailed order and stop information (tank, rest, washing, etc.)
- Scans packages, provide additional information (e.g. signature)
- Deals with dynamical planning and unscheduled stops
- Monitoring/enabling collection-delivery process
- Real time Positioning and tracking of shipment status
- Integrate field services with APS and TMS.
- Improve routing efficiencies

Quintiq

The TLF Logistic Mobile Solution takes care that the right device is getting the right planning and associated order details in real time. The user in the field can provide additional information to orders, but can also provide additional information about additional activities or side activities carried out such as, fuelling, resting, changing car, etc. The devices are directly connected to the Quintiq planning application, which enables a seamless integration between the central planner and the device users outside. The platform is created in such a way, that even in case the wireless communication fails, the device user can just carry on performing the tasks planned.

Devices

The Logic Factory provides currently two different devices:

- TLF-900, the TLF 900 is a very competitive high-end device. The TLF 900 is based on A-brand hardware modules, in an extreme solid and ruggedized casing. As TLF is importing the devices, it is able to configure the devices based on the customer needs with A-brand hardware modules. Some of the modules used are:
 - Symbol SE955 1D barcode reader, or a Honeywell 2D barcode module
 - Samsung camera with flashlight
 - SiRFstarII GPS
 - ST-Ericsson GSM, GPRS, EDGE.

And all this in an extreme case that is water- and dustproof in accordance with the IP-64 standards. The TLF 900 is especially fit for parcel and delivery services, supporting the collection and delivery process. The TLF 900 can be delivered with the TLF Logistic Mobile Solution (LMS) device application, in order to directly communicate with the TLF LMS base system.



- TLF-1200, the TLF 1200 is a very competitive high-end device and it is specifically developed for trucking companies, and is able to both support in the daily collection and delivery process, as also in the navigational needs of the truck driver. It has a convenient 7 inch touch screen, and can be easily mounted into any truck.

The TLF 1200 is based on a windows CE core, so it can be used in combination with the TLF Logistic Mobile Solution (LMS). The TLF LMS device application can be installed on the device in order to communicate with the TLF home base software. But the device can also be used for any other application. The device is having serial and USB ports in order to connect additional devices as scanners, or even connect it to the CAN bus of the truck. The TLF 1200 is not a handheld device, but specifically developed for the automotive trucking market. With some robust keys that can be used for fast navigation through the application. See also the product data sheet for technical details.

No Boundaries

Our mobile solutions are implemented in different domains:

- In the parcel and express domain we are providing ruggedized handheld devices which are in direct contact with advanced planning and scheduling solution.
- For the transport domain, our devices are applied in truck, where navigation, order management, text messaging and real time feedback support are part of the standard functions. These handhelds & board computers have seamless integration with the TLF Transport Management System (TMS), and the TLF planning and scheduling solutions (APS).
- At container terminals, the devices are used for instructing crane drivers, in order to reduce re-stacking, and to position the containers quickly.
- In shipping industry, communication between ships at sea and office cannot always be real time, for this we have a specialized a-synchronized communication platform to keep the office and ships systems consistent.

Seamless

Integration

TLF's logistic mobile solution software is fully web based and requires only an internet connection to work. Sharing the same architecture with TLF's TMS and APS solutions we provide seamless integration of your field service with planning and administration.

End To End

TLF can provide end-to-end solution that are fully tailored to your needs over your whole supply chain. As TLF and it's hardware suppliers are focused on your needs, devices can be tailored to the needs of the end-user.

ShortTime to Market

TLF's Logistic Mobile Solution can be quickly implemented in your organization using our standardized methodology, the seamless integration with FMS and APS and hardware availability.