

Speralux GmbH

Controlling with progressives

The Speralux GmbH relies on telematics solution TISLOG mobile by TIS in two supplies optimized versions.



Eyeglass wearers know the drill: The own visual aid allows a clear view either in the near or far area. But only progressive lenses cover both areas satisfactory. The situation is similar with telematics solutions for the system traffic, part load and cargo transport sector, because the requirements in system traffic, part load and cargo traffic are significantly different.

System traffic is dealing with general cargo and shipment volume. Here the focus is on signatures, delivery scanning, the capturing and documentation of Euro pallets in exchange, as well as damage documentation via scanner. In part-load and cargo transport the current vehicle positions, driving and rest periods for drivers are still in the foreground.

This leads to different hardware requirements: While in part-load and cargo traffic often a smartphone app is sufficient for data exchange, robust industrial devices with integrated scanners are used in the system transports.

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SPECIFIC MANIFESTATIONS

Nevertheless, the Speralux GmbH based in Iserlohn wanted a solution from a single source for their own fleet, emphasized Ingo Müller, responsible for the areas of computing and technology at Speralux. The owner-operated forwarding agency is active as a partner of the cargo network Online System Logistics, but also operates its own fleet of 25 semitrailers and road trains. In addition, around 100 trucks in local and regional transport are scheduled daily. The nine trucks used for the handling of consignments from the cargo network Online are owned by independent contractors.

Wanted was a telematics provider who can provide a reliable, powerful yet economical overall solution for all areas.

"Apart from the actual solution we also focussed on service quality, availability and security of investments" says Silke Eichert, who is responsible for quality management at Speralux. This requirement profile corresponded to the mid-sized and owner-managed TIS GmbH in all respects. Under the name of TISLOG mobile the telematics experts from Bocholt offer various telematics solutions with specific characteristics. As a mobile telematics solution TISLOG requires no installations and can therefore be exchanged without effort between different trucks. In January 2015, the official starting signal for the introduction of TISLOG mobile at Speralux.



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PROVEN INTERFACE

For general cargo or freight transport TISLOG mobile PSV3 was considered - an elaborate and widespread solution for industry-standard Windows Embedded 6.5 handheld devices.

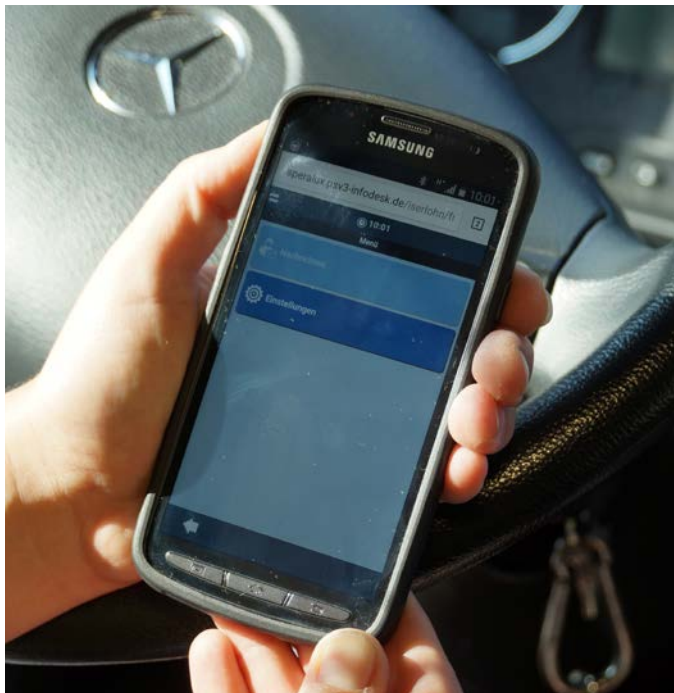
Speralux invested in nine mobile computers of the type Zebra MC45 with integrated scanner, which could be implemented within only two days. The tour per truck with an average of ten to twelve unloading stops is now transferred to the respective handheld along with the address data directly from the shipping software Komalog.

"The interface between TIS and Komalog was already existing, which significantly decreased our implementation effort," says Ingo Müller. The same applies to the training effort, "which is limited to around 30 to 60 minutes per driver," says Ingo Müller. This is mainly owed to the intuitive user interface of TISLOG mobile that allows fast learning to operate the technology.

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The solution guides unmistakably through each step up to the signature of the customer on the display, the damage documentation or pallet handling. "For us as a partner of the Online System logistics the sophisticated menu is an essential module for quality assurance" emphasizes Quality Manager Silke Eichert.

Much easier now works the scheduling of incoming collection orders during the day. The GPS tracking capability integrated in the handheld makes the truck visible on a digital map on the screens of dispatchers. "Without telephone inquiries are necessarily to immediately make clear which driver the pick-up will be suited for", explains Silke Eichert. If during pick-up on-site the number of pallets ready for pick-up turns out to be three instead of the announces two pallets, the driver can enter these changes into his handheld himself and transmit the new data to the disposition. The actual data is available then for further disposition of the goods without delay. The GPS track-



HINTERGRUND SPERALUX

The Speralux GmbH is a mid-sized logistics service provider based in Iserlohn. The privately held company is a member of the general cargo alliance Online System Logistics and offers its customers a wide range of services.

In addition to cargo forwarding the agency transports complete and partial loads in standard and non-standard dimensions and containers in transport streams worldwide. The Speralux forwarding agency has its own storage space and a fleet of 25 semitrailers and road trains. In addition, around 100 trucks are predisposed daily in local and regional transport.

ing has the further effect that customer inquiries about the whereabouts of certain shipments can be answered quickly without asking the driver.

SECURE SMARTPHONE APP

While the system transport solution TISLOG mobile PSV3 already went into real operation on Easter 2015, Speralux was able to take a little more time with their own fleet. The name of the solution optimized for the needs of the Speralux fleet is TISLOG mobile Smart.

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It transforms any mobile phone with browser into a driver-related telematics terminal using an innovative website. The system receives the job data online via a tour associated website. The driver accesses a Web address on the phone in a browser and processes the jobs displayed there. In addition, new orders can always be sent directly from the shipping software Komalog to drivers.

SMOOTHLY INTRODUCED

After delivery, the new shipment statuses, photos or proofs of delivery are transmitted securely to the central security server of TIS via data upload.

Thus at all times TISLOG mobile Smart ensures the protection of sensitive order and customer data, which are not stored on the driver's mobile phone at any time. Since August all 25 own trucks are gradually equipped with the smartphone app.

The fleet solution is complemented by truck telematics boxes of type TISLOG Truckbox Premium. They provide comprehensive telematics data for scheduling and vehicle fleet management on demand. The robust hardware is equipped with a powerful GPS receiver and a separate SIM card. At Speralux the box is connected via FMS interface to the CAN bus of the truck and to the digital tachograph.

"This supplies our dispatchers reliably with data of the current driving, working and rest periods already since May," says Ingo Müller. The processing and analysis of tachograph data is performed permanently via the portal TISLOG office. Here also data from the scanners, which are transmitted from there automatically to the shipping software Komalog, are incorporated.

Conclusion: Speralux was able to introduce the new telematics solution in operation smoothly in several steps and now has an efficient solution for a clear vision in the disposition.

BACKGROUND TIS GMBH

The TIS GmbH, based in Bocholt, focuses on solutions for mobile order management and currently employs a staff of around 40 people. TIS stands for "Technische Informationssysteme" (Technical Information Systems) and was founded 28 years ago by Josef Bielefeld. Based on industry PDAs with Windows CE operating systems, TIS has developed various solutions for transport and logistics (PSV3-TL) under the brand PSV3 with a focus on groupage freight and full truckload transportation. PSV3 is a telematics and training system for mobile order, vehicle and driver data management in full truckload and part-load traffic. PSV3 accelerates and optimizes the data exchange between the truck and head office. Besides that PSV3-TL is also available in special versions for gas and fluid transports (PSV3-GFL) and waste logistics (PSV3-ESL). All maintenance and repair works are performed in the in-house TIS repair center in Bocholt. As a special service the company offers 48- or even 24-hour service.

For more information visit
www.tis-gmbh.com