What is **TMS@Schaeffler** all about?

TMS@Schaeffler – FAQs

All you need to know about TMS@Schaeffler

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1. General information

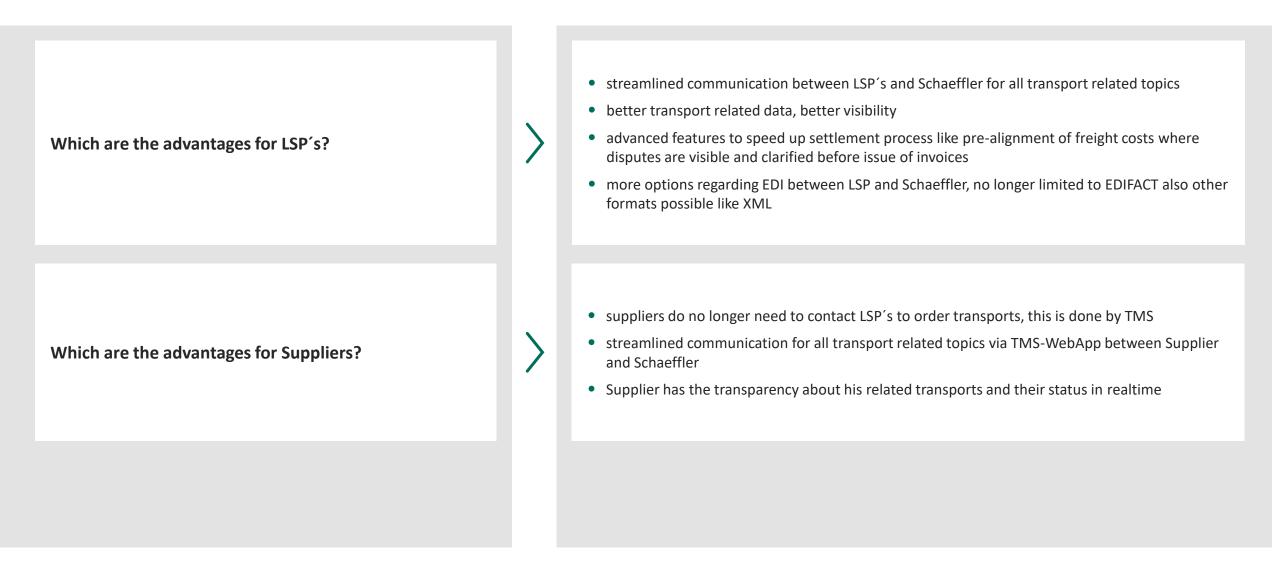|	
What is the TMS-Project about?	• The Transportation Management System (TMS) is Schaeffler's future tool to plan and optimize transportation demands, to order, execute and monitor all transports in the Schaeffler network and to automate the billing and verification of the related service costs (freight costs).
Why implementing a TMS?	• The TMS@Schaeffler is a global program of Schaeffler Digitalization which helps Schaeffler to better manage and control the physical flows, to gain transparency over all transports and related costs and supports the Schaeffler Group to move forward to a full digital supply chain.
Will TMS be implemented globally within Schaeffler for all Divisions?	• Yes, the goal of the program is to roll-out the TMS over all Schaeffler plant locations and all Business Divisions across 4 regions within the next five years, also at distribution centers.
Which TMS-Software will be implemented? Who is the provider?	• Schaeffler decided to implement a Transport-Management-System provided by Oracle. It is called Oracle Transport Management. OTM for short.

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2. TMS advantages / benefits

Which are the advantages for LSP´s?

> - streamlined communication between LSP´s and Schaeffler for all transport related topics
> - better transport related data, better visibility
> - advanced features to speed up settlement process like pre-alignment of freight costs where disputes are visible and clarified before issue of invoices
> - more options regarding EDI between LSP and Schaeffler, no longer limited to EDIFACT also other formats possible like XML

Which are the advantages for Suppliers?

> - suppliers do no longer need to contact LSP´s to order transports, this is done by TMS
> - streamlined communication for all transport related topics via TMS-WebApp between Supplier and Schaeffler
> - Supplier has the transparency about his related transports and their status in realtime

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3. Project information / GoLive / Support

Which transports are in scope?	>	• All national and international transports where Schaeffler is freight payer for inbound, outbound and intercompany. (for MVP-Ops-GoLive we start with Inbound from national and EU-Suppliers)
Which transport modes are in scope?	>	• Road, Rail, Air, Sea, CEP, PFR (Premium Freight)
What will happen on the day of the GoLive and who will support in case of problems?	>	• All trained users will start using the TMS based on the knowledge they gained in the trainings. You can contact the nominated Schaeffler colleagues and the person who did the training.

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4. Requirements technical/business

Which are the technical requirements to use TMS-WebApps?

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- The TMS-WebApp is accessible via www and you are provided an URL.. The supported browsers are Firefox, Edge, and Chrome or Safari for Mac.
- The average bandwidth
- For a site accessing an OTM instance, we recommend a minimum business-quality Internet connection as follows:
    - Speed (upload and download): 1 Mb/s
    - Latency: <150ms to OTM server

What are the business requirements to LSP?

>

LSP´s need to:
- confirm/reject transport order (if no automatic confirmation)
- enter driver name, truck type, license plate, container number, ….
- LSP needs to take OTM-Shipment Number as reference number for operations   and also as reference number for the invoice
- LSP´s need to send separate the invoices based on the ordering system: ordered by TMS or not ordered by TMS
- These invoices ordered by TMS need to have the Prefix OTM"
- LSP needs to send the detailed invoice data on OTM-Shipment level in a predefined csv-format or via EDI

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5. Training / Support

Which training formats will be provided?	• Web-based trainings with additional training documents, also access to a training environment
When and where are the training documents provided?	• training documents will be provided during web-based Training sessions.
In which language will the training material be prepared?	• The training language is English and German, for the sessions and training material.
Who is doing the support for LSP´s and Suppliers?	• For Support Schaeffler contact persons will be provided during the trainings.

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6. Communication with LSP´s via TMS LSP WebApp

How are LSP´s connected to TMS?	• By TMS-LSP-WebApp which is accessible via WWW. Schaeffler will provide an URL and LSP´s need to nominate users which get user rights and roles in TMS-WebApp
Is the use of LSP WebApp free of charge?	• Yes. Schaeffler provides use of TMS-WebApp free of charge
Is EDI connection also possible?	• Yes. This is described in more detail on the next slide.
Can LSP WebApp used if no EDI is possible?	• Yes. In case no EDI is possible due to technical capabilities or to low volume of transports, all the communication can be done by LSP WebApp.

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7. Communication with LSP´s via EDI / LLC / IFT-Project

Are EDI connections between TMS and LSP´s planned ?

> - Yes, there are multiple EDI-messages between TMS and LSP´s necessary. These are established via Lobster Logistics Cloud (LLC) E.g. send transport requests and updates and receive tracking shipment information

What is LLC?

> - LLC is Lobster Logistics Cloud which is a platform to exchange EDI messages between different parties. The big advantage is that each party can use their own formats and LLC will provide the mapping.
> - Also if an LSP has already established connections to another customer via LLC these already established connections and EDI messages can be used also for communicating with Schaeffler.
> - Advantage: significant reduction of effort which reduces implementation timeline

What is IFT-Project?

> - IFT-Project takes care to establish the EDI-connections to our LSP´s via LLC.
> - As long as TMS is not yet rolled out for a lane or location, IFT starts by establishing the EDI-connection from our Schaeffler SAP-System via LLC to your IT-System.
> - When TMS is rolled out for a lane or location, then the EDI-connection will be changed to our TMS via LLC to your IT-System. So there will be a transition phase.

Is LLC free of charge?

> - No, there is a fee based to the shipment volume. Here you will get detailed information from the members of IFT-Project.

Are there other formats possible, not only EDIFACT?

> - Yes, multiple formats can be provided also API. LLC has powerful capabilities to support almost every kind of data exchange.

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8. Various Topics / Projects

What information will TMS provide to determine the space required on a truck or other means of transport?	• TMS will provide ship unit data with measurements and weight and stackability factor
Consolidation: Will TMS consolidate transport demands during planning ?	• Yes, TMS consolidates transport demands into an OTM-Shipment. This information is presented to LSP´s on the TMS-LSP-WebApp. (later also via EDI possible)
When will the OTM-Shipment Number provided to LSP´s?	• The OTM-Shipment Number results out of transport planning in OTM and is visible to LSP´s at once when they get the order for a transport
What about Labels and documents? Will TMS provide labels and print documents?	• No, TMS will not provide Labels or print freight documents because the existing processes, how labels and documents are created will not be changed by TMS. But TMS provides the option to upload documents so that they are avaible to the related parties.
What is Tradeshift?	• Tradeshift is a platform to exchange invoices electronically and is introduced by Schaeffler Finance.