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Annex to Framework Agreement for the Transport of Vehicles

Specifications for the GO-DISY data system and the interfaces

Annex-No Framework Agreement	5
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Attachment No. in Annex 5	Title of Attachment	Version No. and/or date
1	General DISY Information	01.08.2019
2	EDI Messages and Premises	01.08.2019
3	Message Flow	01.08.2019



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### 1 General Distribution Information

To communicate with Daimler using EDI/EDIFACT messages, means to communicate with the Distribution System of Daimler (DISY).

DISY **covers** Mercedes-Benz Cars (incl. Smart and G-Class).

DISY has the following main functions:

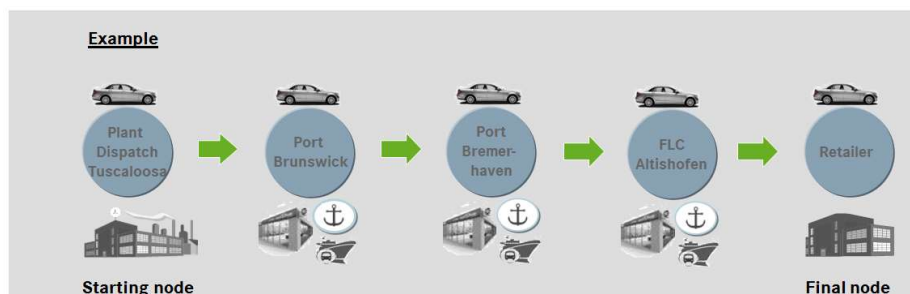
- Central support and control of the distribution processes
- Establishment of online transparency regarding all relevant information for distribution
- Integration of all parties involved in the process (plant, plant dispatch, carrier, FLC, port, MPC, dealer)

DISY supplies/receives data from all connected distribution points, i.e. **Vehicle Logistic Center (VLC)** and ports, using EDI. Plants have a separate interface. All information can be received online using GO-INFOSYSTEM.

DISY uses **various** EDI messages to communicate with distribution nodes respectively the Logistic Service Provider (LSP), e.g. node operator / carrier.

How DISY works

At time of order entry DISY **automatically** assigns a standard distribution route to each car. This route is a sequence of nodes where the car is going by. DISY can





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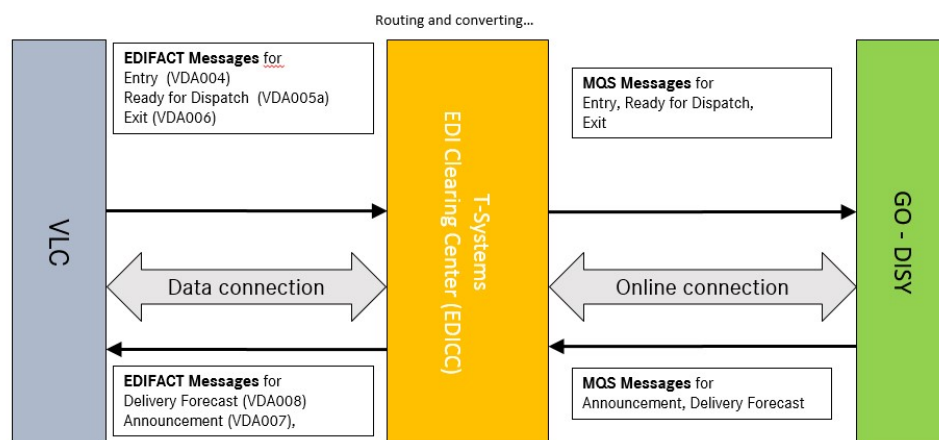
handle the distribution up to the dealer (**example illustration below**).

Normally each distribution node (plants, compounds, VLCs, ports) **on the route** is connected to DISY (**via T-Systems Clearing Center**). When a car leaves a node the next node **is** notified immediately **with an announcement containing** all the information for an appropriate **handling and subsequent** routing of the car. Commercial and technical holds and their release are transmitted **by EDI to the according node, too**.

Changes/**Updates** in distribution route will **also** be communicated to the relevant node **via** EDI, i.e. the node where the car is located **and need to be processed**.

The illustration of the technical setup shows the communication flow between provider and Disy System.

## Technical EDI Connection





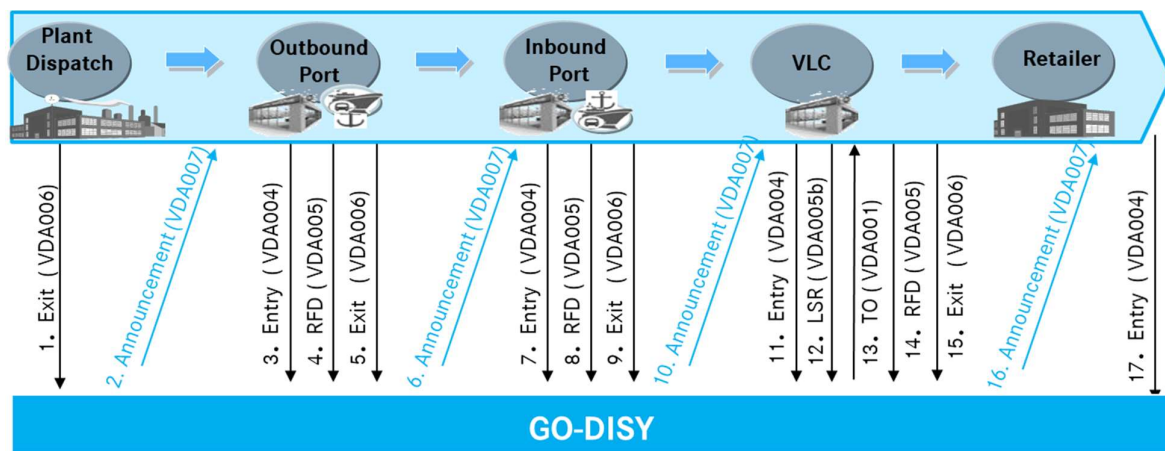
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### 2 EDI Messages and Premises

As mentioned before the communication with node provider and logistic supplier is based on EDI messages. Central business processes (e.g. customs, invoice triggering) are triggered by those messages, hence quality and completeness of data is essential.

With contracting a new supplier details on connection setup and data exchange needed and processes to be followed will be agreed between LSP and contract partner. Below an overview of premises to consider and possible EDI Messages:

#### Example Message Flow of Standard Overseas Vehicle Routing



#### Message Premises

- **Data Quality:** Correct and complete messages as agreed in setup process
- **Completeness and Sequence of messages:** all messages need to be sent (no omission) and in correct order;  
Important: business time stamp transmitted must not be in future (after technical transmission)
- **Real-time message processing:** transmission of message max. **20 minutes** after physical event – no batching!





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- **Time-lag between messages:** at least 1 minute of time between transmission of messages for same vehicles need to be considered to ensure processing

EDI Messages (Standard Set) – Additions possible

Message	EDIFACT	Description	Content (extract)	Responsibility of LSP
Announcement	VDA007	GO DISY sends an announcement message to inform the following node in the supply chain about the vehicle. The announcement message is sent whenever something changes (e.g. FDK).	<ul style="list-style-type: none"> <li>• Holds (yes/no)</li> <li>• Functional data of the vehicle (motor no., code of following node, Baumuster)</li> <li>• Additional transport information (like transport protection)</li> </ul>	Receive & process (incl. updates)
Delivery Forecast	VDA008	GO DISY sends a message with the calculated quantity of vehicles which will arrive at the following destination within the next 10 working days; forecast based on final inspection plan date of the plant; 10 days volume forecast is going to be updated on a daily basis via batch job.	<ul style="list-style-type: none"> <li>• 10 days forecast of vehicle quantity for the following node.</li> </ul>	Receive & process (incl. updates)
Entry	VDA004	The vehicle has arrived at a node.	<ul style="list-style-type: none"> <li>• Destination key, chassis number of the vehicle</li> <li>• Date and time of arrival of the vehicle</li> <li>• Mode of transportation (e.g. road transport)</li> </ul>	Send according to premises
Local Services Ready	VDA005a	Request for Transport Order. Premises: Local Services as agreed are completed. Important: FDK needs to be known to node provider and no holds are on the vehicle	<ul style="list-style-type: none"> <li>• Destination key, stornoflag</li> <li>• Vehicle identification number</li> </ul>	Send according to premises





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		Info: LSR triggers Release Request/Credit Check for vehicle.	<ul style="list-style-type: none"><li>• Date and time when local services are ready</li></ul>	
Transport Order	VDA001	After positive Credit Check, GO DISY sends confirmation that vehicle is to be delivered.	<ul style="list-style-type: none"><li>• Vehicle details</li><li>• Final Destination Key</li></ul>	Receive & process
Ready for Dispatch	VDA005b	Distribution planning – vehicle is Planned for dispatch/ order truck is ready. Vehicle is still at node!	<ul style="list-style-type: none"><li>• Final destination key, vehicle identification number</li><li>• Date and time when vehicle is ready for dispatch</li></ul>	Send according to premises
Exit	VDA006	The vehicle has left a node.	<ul style="list-style-type: none"><li>• Destination key, chassis number of the vehicle</li><li>• Date and time when vehicle left the node</li><li>• Waybill number, bill of lading, mode of transport, carrier code</li></ul>	Send according to premises

This document is to be considered as a general overview of the EDI Message exchange needed. The contracted supplier needs to ensure the technical preconditions (via own system/contracted business partner). Details per Logistic supplier will be discussed in detail once contract is signed.





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History of changes		
Version	Date	Changes
1.0	01.01.2011	Original (Mark Arnold)
2.0	01.06.2013	Update
2.1	07.08.2014	Update
2.2	20.04.2017	Update (Tatjana Palatnik)
2.3	21.12.2017	Update (T.Palatnik)
2.4	26.04.2018	Update (T.Palatnik)
3.0	01.08.2019	Update (Inka Schindler/T. Palatnik)

Signatories	Date	Signature (1)	Signature (2)
Daimler AG			

