

Mercedes-Benz

Electronic Data Interchange Manual (EDI)

ALD00001290

01.EDI Implementation and Contacts

Contacts

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Preface

Dear supplier,

This manual describes the structure of the information flows involved in the Mercedes-Benz AG procurement process for the passenger car and commercial vehicle (*) divisions.

In order to ensure a consistent, fault-free and prompt flow of information, optimizing the interchange of the data required for the delivery process is an important objective in the global automotive industry.

This manual provides advice on setting up essential support facilities and on making the transition to communication by EDI (Electronic Data Interchange). This will help you maintain and increase your competitiveness in the marketplace.

The following aspects are described in turn:

- the **general role** of electronic data interchange in the supply process
- the **messages** used in communications
- the **technical prerequisites**
- the **required set-up procedures for starting** electronic data interchange and the testing procedure.

There is also an Appendix listing the names of contact persons for specific message types in the various plants.

All comments, remarks or questions relating to this manual should be referred to:

SC/WT department

Mail: ibl-support@mercedes-benz.com

Phone: +49 (0)30 / 887 215 588

Questions of a specialized technical nature may be referred to one of the contact persons listed in Chapter Fehler! Verweisquelle konnte nicht gefunden werden..

* Wherever the term Mercedes-Benz AG plants" is used, this refers to the PC division (Mercedes-Benz Cars and Vans).

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Change history

Version	Author	Reason	Change
November 2021	Florian Becker	Revision	<ul style="list-style-type: none"> • FOCUS
August 2017	André Hoyer	Revision	<ul style="list-style-type: none"> • Layout update • Addition of pick-up sheet and transport order (VDA 4913 + VDA 4921 by Mercedes-Benz AG) • Addition of confirmation of receipt of shipments VA30MOD • Addition of RFID in VDA 4913
March 2018	André Hoyer	Revision	<ul style="list-style-type: none"> • General revision • Separation of chapters into individual documents
July 2018	André Hoyer	Revision	<ul style="list-style-type: none"> • General revision
October 2018	André Hoyer	New Contacts	<ul style="list-style-type: none"> • Chapter 01 <ul style="list-style-type: none"> ○ Added contact data for plant 788
December 2018	André Hoyer	Revision	<ul style="list-style-type: none"> • General revision • Chapter 03 <ul style="list-style-type: none"> ○ Added delivery note structure • Chapter 05 <ul style="list-style-type: none"> ○ Updated with recent data format (VDA 4933) and added attachment 05.01
May 2020	André Hoyer	Revision	<ul style="list-style-type: none"> • Chapter 01 <ul style="list-style-type: none"> ○ Updated / Added Contacts • Chapter 04 <ul style="list-style-type: none"> ○ Updated path to supplier portal ○ Added bordereau number with 8 digits ○ Added special trip process (incl. record types and data elements) ○ Removed GS contacts and added reference to IBL function I030 ○ Demarcation of consignments updated with unloading point information ○ Updated parcel delivery services ○ Updated unloading point definition with capital letters • Chapter 10 <ul style="list-style-type: none"> ○ Removed GS contacts and added reference to IBL function T601 • Chapter 13 <ul style="list-style-type: none"> ○ Documents 13.1 and 13.2 replaced with updated document and attachment

February 2021	IBL Department	Revision	<ul style="list-style-type: none">• Chapter 12<ul style="list-style-type: none">○ Additional chapter of EDI Mapping for using the delivery note data for transport data
April 2021	IBL-Department	New Contacts	<ul style="list-style-type: none">• Chapter 4<ul style="list-style-type: none">○ Reference to contact persons for RFID and JISP• Chapter 11<ul style="list-style-type: none">○ Added contact for Load carrier account statements
August 2021	IBL-Department	Revision	<ul style="list-style-type: none">• Chapter 1<ul style="list-style-type: none">○ Revision of the chapter and update of the contact persons• Chapter 4<ul style="list-style-type: none">○ Additions to digitization projects from the VDA

Chapter overview

The individual chapters have been stored in separate files and are available in the supplier portal as such.

Electronic data interchange with Mercedes-Benz AG

Chapter 0 **EDI as the communication channel for the procurement process at Mercedes-Benz AG**
From procedure test to productive use
Mercedes-Benz AG contacts

Message types

Chapter 2 **Call-off messages**
 VDA 4905 -> Call-off
 VDA 4915 -> Detailed call-off
 VDA 4905/2 -> Call-off based on the ODETTE message DELINS

Chapter 3 **Pick-up sheet data according to VDA 4985**

Chapter 4 **Delivery note and transport data according to VDA 4913**

Chapter 5 **Transport order according to VDA 4921**

Chapter 6 **Goods accompanying slip according to VDA 4912 (document)**

Chapter 7 **Material label according to VDA 4902, version 4**

Chapter 8 **Forwarding instruction according to VDA 4922**

Chapter 9 **Package data sheet according to VDA 4931**

Chapter 10 **Confirmation of receipt of shipments VA30MOD according to VDA4913**

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Chapter 11 Load carrier account statements according to VDA 4927

Chapter 12 Transport data for shipments according to VDA 4921

Chapter 13 Invoice and credit data according to VDA 4938

Chapter 14 Confirmation of receipt of cross dock operators according to VA30MOD VDA 4913

Chapter 15 Transport status messages in accordance with VDA 4945

Chapter 16 Transport control of trucks in accordance with VDA 4996

EDI as the communication channel for the procurement process at Mercedes-Benz AG

Benefits of electronic data interchange

Mercedes-Benz AG began using electronic data interchange back in 1983, as what was then a very new way of exchanging information. EDI is now well established as a reliable state-of-the-art channel of communication for doing business in today's world.

Particularly in view of advances in logistics, Mercedes-Benz AG plants and their suppliers will be working more closely together than in the past. This will mean increased process synchronization, which would not be feasible without the use of electronic communication channels.

The main aims of EDI communication are as follows:

- fast and secure data interchange
- paper-free data interchange
- elimination of repeated data entry by the recipient (time and cost)
- reduction of errors caused by having to re-input the data
- standard interfaces for processing regularly recurring bulk data communications
- no printing on expensive multiple-copy forms

However, EDI is more than just another channel of communication. By enabling fast, standardized data interchange, it creates the basis for enhancements to other related processes, thereby generating potential savings.

Examples of these enhancement opportunities include:

- Reductions in administration expenses through
 - standardization of work processes, and therefore simplification of processes both across multiple workplaces and within individual workplaces
 - immediate availability of data for further processing with user programs
- Faster flow of information, resulting in

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- immediate reaction to changed requirements
- faster flow of goods
- fewer one-off operations, such as special transport consignments
- more accurate planning
- greater flexibility
- less capital tied up in inventories

These enhancements are available to all parties involved in the communication process.

The prerequisite is the successful integration of EDI into internal systems and processes.

We expect all our partners, including component suppliers, area contract freight forwarders and external service providers, to make effective use of these state-of-the-art communication technologies and resources, becoming more competitive in the process.

We see this as a fundamental requirement for our mutual efforts to optimize the costs and processes of our business operations.

Our purchasing partner selection decisions will be based not only on optimum quality of the actual service, e.g. material or transport, but also implicitly on the provider's readiness to display flexibility and innovation, and therefore the ability to use state-of-the-art communication systems.

This attitude is also shared by other automotive producers and in other sectors, so showing some initiative in this area is very much in your own best interests as well.

Accordingly, these requirements – which we have been voicing for some years now – are not seen as an appropriate area for any investment contribution on our part.

As far as transmission fees are concerned, Mercedes-Benz AG has always followed the principle of "sender pays".

To enable our partners to remain competitive and to protect their investment, Mercedes-Benz AG undertakes to comply with established message standards.

Using electronic data interchange in the Mercedes-Benz AG procurement process

For the formalization of interchange data, Mercedes-Benz AG follows the message formats developed by the VDA (German Automotive Industry Association), published as "VDA recommendations 49xx".

Overview of messages

The following messages will be used for EDI communications with Mercedes-Benz AG plants regarding the supply process:

VDA 4905	EDI for call-offs
VDA 4906	EDI for invoices
VDA 4907	EDI for remittance advices ^{*)}
VDA 4908	Credit note procedure
VDA 4913	EDI for delivery note and transport data
VDA 4915	EDI for detailed call-offs
VDA 4916	EDI for JIS call-offs
VDA 4927	EDI for load carrier account statements and load carrier movements ^{*)}
VDA 4933	EDI for transport order data
VDA 4938	EDI for invoice
VDA 4938	Credit note procedure
VDA 4945	Transmission of transport-status messages

VDA 4985	EDI for Pick-up-Sheet data
VDA 4987	Currently only used for JISP or RFID

^{*)} Optional: message exchange at supplier's request

The following recommendations apply as for goods accompanying documents:

VDA 4902/Version 4	Material label
VDA 4912	EDI goods accompanying slip
VDA 4922	Forwarding instruction
Important	Please refrain from using DIN delivery notes! We require the "DFÜ-Warenbegleitschein" for all deliveries. See Chapter 6

Descriptions of the VDA messages are available at:

<http://www.vda.de>

Further information on the VDA working group SID EDI and billing can be found here:

Kommunikations- und Informationstechnologie - VDA

Arbeitskreis: Abrechnungsverfahren - VDA

Mercedes-Benz AG purchasing contracts include the "Mercedes-Benz Special Terms" as a legally binding component. You are requested to note the following Mercedes-Benz Special Terms (MBST) in particular, since they include Mercedes-Benz AG-specific details.

Mercedes-Benz Special Terms No. 28

Use of load carriers of

Mercedes-Benz AG

Mercedes-Benz Special Terms No. 29

Material label as per

VDA 4902, version 4 recommendation

Mercedes-Benz Special Terms No. 35

Communication with Mercedes-Benz AG plants

By EDI

Your Sales department has copies of these documents. Further copies are available from:

Mercedes-Benz AG

Contract management

Department: MP/SC3

HPC G036

D-71059 Sindelfingen

Use of the ODETTE/EDIFACT international message standard

In view of the increasing globalization of the automotive industry, as well as using EDI according to VDA recommendations, Mercedes-Benz AG also works with the ODETTE and EDIFACT international standards.

You can find out more in the individual chapters of this dial-up manual.

Here you will find an overview from the VDA:

[List](#)

From procedure test to productive use

General procedure

As soon as you have completed the preparations at your location for setting up an EDI interface, please make sure you have completed the following steps before setting up an EDI connection with our plants:

Procedure test with T-Systems

Line connections must be tested before any data interchanges with our plants.

Please contact T-Systems.

Email: edi.hotline@t-systems.com

Tel.: +49 (0)39 159762016

If this is the first data transmission between the data sender and Mercedes-Benz AG, MBAG has to assign it.

After the procedure tests have been successfully completed, please contact your contact persons at the Mercedes-Benz AG plants.

Individual message transmission test

Test of transmission of call-up data according to VDA 4905/4915

Tests will be carried on the transmission of VDA 4905/4915 call-off messages to you from each plant.

To set up the tests, please get in touch with the plant contact persons named in Chapter **Fehler! Verweisquelle konnte nicht gefunden werden..**

Test of transmission of delivery note and transport data according to VDA 4913

After a successful procedure test with the EDI hotline, every supplier can transfer any amount of test data and check it independently. These tests can be carried out via the test facility 999.

The data is displayed in the IBL platform in the DQM module in the function:

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- **Shipment data (D301)**

- **Data receiving plant: Select 999**

You will gain access through the supplier portal <http://supplier.mercedes-benz.com> via “Collaboration”, “Production and Logistics” and “Data Communication with Mercedes-Benz AG”.

If the test data are not correct and have an error status, the errors need to be eliminated in the DQM and the mapping must be adapted for correct data transmissions in the future.

The data transfer to:

SSID: 00013000577MB000000OFTPV2

SFID: 00013000560MB050000

VFN: MB999WES

Note:

This procedure can also be used for a "self-check" at any time. In this case, the data sender must delete the test program after checking it in DQM in function D301.

Advantages:

- **The errors are displayed as in real operation and can be corrected under Details in the function D301**
- **Test can be repeated as often as desired**
- **The data is not forwarded to any subsequent system**
- **The data is not forwarded to any subsequent system**
- **Error-free data can be subtracted via the export function**

Attention:

- **Not all plant-specific tests may be available. example: packaging plan**

Note:

If an external service provider is not being processed, then the supplier's number must not be entered in the "Supplier number (EDL)" field in places 77-85 in record type 713. Enter blanks instead. The supplier number may only be entered here when processing an external service provider with transaction code 40.

See also the descriptions in the VDA 4913 recommendation.

Contact

Logistics Quality Services (LQS)

Mail: ibl-support@mercedes-benz.com

Phone: +49 (0)30 / 887 215 588

Test of transmission of invoice data according to VDA 4938

Please take all information from chapter 13.

Information for addressing Mercedes-Benz AG plants in OFTP

Actions to be carried out when starting to use EDI or making change notifications

If you are planning to set up electronic data interchange with the EDI system of Mercedes-Benz AG (EDIS), or to change your existing EDI connections with EDIS, please complete the following steps:

1. Please contact the partners (Chapter **Fehler! Verweisquelle konnte nicht gefunden werden.**) for the relevant message type.
2. Enter all the communication parameters for data interchange with Mercedes-Benz AG in your system or ask your software supplier to do this for you.
3. Complete the form (provided by T-Systems) with your **OFTP partner data** and fax or mail it to:

T-Systems International GmbH

EDI Customer Support

Tel.: +49 (0)391 5976 2016

E-fax: +49 (0)391 580 211 271

Email: edi.hotline@t-systems.com

4. If you are using EDI for the first time, complete the **first time EDI users** form (provided by T-Systems) and fax it to the same number or mail.
5. Then arrange a date and time for a **procedure test** with the EDIS system with our EDI Customer Support.
6. Completion of the procedure test with the EDIS test system.
7. On successful completion of the procedure test, fax or mail your communication readiness **notification form** to the EDI Customer Support of T-Systems.
8. A data test must then be made with the relevant plant. Please inform your contact partner after the first test data are sent.

9. After the data test has been made successfully, the contact partners in the other plants (Chapter **Fehler! Verweisquelle konnte nicht gefunden werden.**) can be informed by email.

Remarks

- If you wish to change your communication parameters, send the OFTP partner data form to the EDI Customer Support of T-Systems.
- To register EDI with additional VDA data formats, send the communication readiness notification form to the EDI Customer Support of T-Systems.

Communication readiness

Individual MBAG plants are constantly producing data. Then this data has to be sent directly to their communication partners (suppliers). This means that it is important to keep your communication system ready to receive at all times. In any case, please enter the times at which your communication system can receive data in the communication readiness notification form.

Contacts for communication connections

The contact point for changing, setting up or testing communication connections to Mercedes-Benz AG communication partners and receiving error reports regarding communication with EDIS systems is the **T-Systems EDI Customer Support**.

When you contact the T-Systems EDI Customer Support, please be ready to give your Mercedes-Benz AG supplier no.

T-Systems International GmbH

EDI Customer Support

Tel: +49 (0)391 5976 2016

E-fax: +49 (0)391 580 211 271

Email: edi.hotline@t-systems.com

- The T-Systems EDI Customer Support is available 24 hours, 365 days a year.
- New installations and changes will only be processed Monday through Friday 6:00 am to 6:00 pm German time and not on German national holidays.
- Outside of these hours, disturbances only will be processed.

Contacts in the plants

Plant 006 Global Logistics Center		
Application	Contacts	Email
Call-off		bedarfsweitergabe006@mercedes-benz.com
Delivery note/ transport data/ material label/		glc-werk-006-edi-ibl@mercedes-benz.com
Forwarding instructions		ZFenster_W06_Ger@mercedes-benz.com

Plant 010 Untertürkheim		
Application	Contacts	Email
Call-off	Ms. Ebinger	andrea.a.ebinger@mercedes-benz.com
Delivery note/ transport data/ material label/ forwarding instruction	Mr. Deutsch Mr. Ziegler	andreas.deutsch@mercedes-benz.com matthias.mz.ziegler@mercedes-benz.com
Calculation	Mr. Erzberger	richard.erzberger@mercedes-benz.com

Plant 037 Ludwigsfelde		
Application	Contacts	Email
Call-off	Ms. Kemper	marina.kemper@mercedes-benz.com
Delivery note/ transport data/ material label/ forwarding instruction	Mr. Blödorn	dominik.bloedorn@mercedes-benz.com

Plant 040 Berlin-Marienfelde		
Application	Contacts	Email
Call-off	Mr. Schuetze	florian.schuetze@mercedes-benz.com
Delivery note/ transport data/ forwarding instruction	Mr. Duvnjak	damir.duvnjak@mercedes-benz.com
Material label	Mr. Schuetze	florian.schuetze@mercedes-benz.com
Calculation	Mr. Erzberger	Richard.Erzberger@mercedes-benz.com

Plant 050 Sindelfingen		
Application	Contacts	Email
Call-off Detailed call-off/ Production Synchr. call-off	N.N	N.N
Delivery note data/ transport data/EDI goods accompanying slip	EDI Clearing	050_dfu@mercedes-benz.com
DIN delivery note/ material label	EDI Clearing	050_dfu@mercedes-benz.com
Calculation	Mr. Erzberger	richard.erzberger@mercedes-benz.com

Plant 051 Mercedes-Benz Consolidation Center Europe		
Application	Contacts	Email
Call-off	Mr. Hammersdorf	kai.hammersdorf@mercedes-benz.com

Delivery note/ transport data/ material label	Mr. Kussmaul	uwe.kussmaul@mercedes-benz.com
Calculation	Mr. Erzberger	richard.erzberger@mercedes-benz.com

Plant 054 Rastatt		
Application	Contacts	Email
Call-off	Mr. Wieser	frank.wieser@mercedes-benz.com
Delivery note/ transport data/ material label/ forwarding instruction	Mr. Bittmann	thomas.t.bittmann@mercedes-benz.com
Calculation	Mr. Erzberger	richard.erzberger@mercedes-benz.com

Plant 065 Düsseldorf		
Application	Contacts	Email
Call-off	Ms. Langer	christine.langer@mercedes-benz.com
Delivery note/ transport data/ material label/ forwarding instruction	Mr. Schwochow	sebastian.schwochow@mercedes-benz.com
Calculation	Mr. Erzberger	richard.erzberger@mercedes-benz.com

Plant 067 Bremen		
Application	Contacts	Email

Call-off	Mr. Schwuchow	ruediger.schwuchow@mercedes-benz.com
Delivery note/ transport data/ forwarding instruction/material label	Ms. Uhlhorn/Ms. Rademacher-Pillnick	dfue-clearing-we-bremen@mercedes-benz.com mbox_067_cluster3a@mercedes-benz.com
Calculation	Mr. Erzberger	richard.erzberger@mercedes-benz.com

Plant 068 Hamburg-Harburg		
Application	Contacts	Email
Call-off	Mr. Wieczorek	helmut.wieczorek@mercedes-benz.com
Delivery note/ transport data/ forwarding instruction	Mr. Graser	anthony.graser@mercedes-benz.com
Material label	Mr. Wolfner	
Calculation	Mr. Erzberger	richard.erzberger@mercedes-benz.com

Plant 157 Spain		
MB Spain, Vitoria		
Application	Contacts	Email
Delivery note/ transport data/ material label/ forwarding instruction	Ms. Jose Escoriaza Jimenez	maria-jose.escoriaza@mercedes-benz.com

Plant 371 Hungary		
MB Hungary, Kecskemét		
Application	Contacts	Email
Delivery note/ transport data/ material label/ forwarding instruction	Mr. Hahn	michael.mi.hahn@mercedes-benz.com

Plant 788 Kamenz		
Deutsche Accumotive GmbH & Co. KG		
Application	Contacts	Email
Call-off	MBOX for EDI issues	788-edi@mercedes-benz.com
Delivery note/transport data/ material label/ forwarding instruction	MBOX for EDI issues	788-edi@mercedes-benz.com

Plant 838 Jawor		
Mercedes-Benz Manufacturing Poland sp. z o.o.		
Application	Contacts	Email
Delivery note/transport data/material label/ forwarding instruction	Mrs. Pytel	dagmara.pytel@mercedes-benz.com

Werk 944 Sebes		
Star Assembly S.R.L.		
Application	Contacts	Email

Delivery note/transport data/material label/ forwarding instruction	Mrs. Dalcos	andreea.dalcos@mercedes-benz.com
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The same EDI requirements specified in this manual also apply for certain deliveries to Steyr-Mercedes-benz-Puch AG, Austria.

All questions concerning this matter must be referred to the following contact persons only:

Steyr- Mercedes-Benz AG -Puch Austria			Steyr- Mercedes-Benz AG -Puch Fahrzeugtechnik AG & Co AG Potash 823 A8011 Graz	
Application	Contacts	Department	Telephone	Fax
Call-offs Purchased parts	Mr. Pölzgruber	GPL	+43 (3 16) 4 04- 29 77	29 16
Call-off Powertrain	Mr. Schrei	GPL	+43 (3 16) 4 04- 21 74	29 27
Production synchr. call-off	Mr. Vogrinec	GPL	+43 (3 16) 4 04- 37 47	29 27
Delivery note/ transport data/ material label/ forwarding instruction/ freight list	Mr. Kohlberger	ZLMW	+43 (3 16) 4 04- 27 26	32 06
Calculation	Mr. Erzberger	FAO/G HPC M560	+49 (0)7 11- 17- 83 115	richard.erzberger@mercedes-benz.com

Abbreviations

Abbreviation	Meaning
AK KIT	Working group for communication and information technology
DESADV	Despatch advice message
EDI	Electronic Data Interchange
EDI	Electronic Data Interchange
LLC	Global Transport Label – material label in new format with RFID
IBL	Inbound logistics platform for data checking
IFTSTA	Transport status message
JIS	Just-in-sequence
JIT	Just-in-time
LAB	Call-off
LC ID	Load carrier identifier
OEM	Original equipment manufacturer
RFID	Radio-frequency identification
VDA	Verband der Automobilindustrie (German Association of the Automotive Industry)

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